Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : ENGLISH

MONTHS: APRIL & MAY					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Hornbill Prose The Portrait of a Lady	•To enable students to know the expressions used in the lesson and their usage. . understand the relationships in the family.	•To enable students to develop co-operation, care concern and tolerance	•Warm up Activity •How's your relatioship with yor grandparents?	•Students will be able to respect relationships in a family.	•Assignments •Comprehension Questions
	.understand the relationships in the family.	.face adverse situationscalmly	.What do they expect from the family?	show concern for animals.	•Imagine yourself as Khushwant Singh. Record the changes that came in your relationship with your grandmother as you grew upto a college student in a diary entry .
	.gain insight into various phases of author's life with his grandmother.	. develop analytical skills, thinking and Imaginative skills	.What are the reasons for their loneliness?	.develop responsibility and senstivity towards the grandparents	
Poem The Photograph	To enable students to	To enable students to	Warm up Activity	Students will be able to	Reference to context
	.appreciate the theme and identify the figures of speech.	.inculcate values like care, affection, togetherness.	.Discussion on realtionship with mother	.understand the importance of human relationship.	value based questions
	.understand that the natural objects are perennial and everlasting but human life is short.		.Recapitulation of Figures of Speech	.understand child psychology	Textual questions
Snapshot Lesson-The Summer of the Beautiful White Horse	. Understand one should stick to society norms and values of our family	. respecting one's belief • honesty •.Confession •.Truth • Confession • Truth	. Discussion- Students will share their dreams which they tried to fulfill . Thinking Skill -Character Sketch of the different characters . Thinking Skill -Character Sketch of the different characters	inculcate values like honesty, trust	Comprehension questions •What traits of Garoghlanian family are highlighted in the story? •Comment on the role of Aram "

Writing skills Notice writing	. Awareness of the form, content process of writing . organise ideas on a particular subject	make use of appropriate formats, expressions and vocabulary.	. Revision of the format of notice. -Purpose and significance of short writing skills	. To write in formal tone, to be precise and to the point . to express their ideas by writing short writing skill.	. Practice exercises based on the short and long writing skills.
Letter Writing	. Expressing ideas effectively .to write effectively .to know effective means of disseminating information on varied issues.	.identifying the appropriate usage of writing skills . Applying it in practical life .Expressing views in the desired manner	. Famiiarize with different formats . Model exercise of different tyes of letters	.To develop appropriate style of writing .to disseminate information on varied issues	Practice questions on different topics
Grammar Tenses	. application of knowledge . develop appropriate style of writing. . knowledge of the purpose and . importance of grammar topics	. Acquire knowledge through rules in grammar . novelty of ideas	. Practice exercise of each topic will be given . Quiz will be conducted	. will be able to apply the rules of grammar . application of knowledge	Practice exercises will be given in the form of Quiz, games
Poem - The Laburnum Top	. understand various sound words . understand the comparison between a bird and a lizard	. admire nature . understand the power of love . Skills Analytical, Observational, Comprehension skills"	. What do you notice about the beginning and the ending of the poem?	. enjoy beauty of nature . face the hardships of life	. Why has the poem been called 'The Laburnum Top'"? - 'It is the engine of her family, she stokes it full". Explain
Lesson- We're Not Afraid to Die...If We can All Be Together	. deal with the temperament of different family members to create a bond.	. perseverance . patience, trust . self reliant	. Optimism helps to endure the direst stress. Discuss. . Share any adventure/ experience (you had)which reflected your presence of mind or practical knowledge Resources: Extra Marks Module, Book, Green Board, Mind Map (Character), Notes	learn the parts of ship and different terms/words related to voyage	What lesson do we learn from such hazardous experiences ?

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Writing skill Poster Making	.to visualise and represent events and facts .to express information of events in graphic form	.to express and write effectively .to describe events in correct format precisely.	Introduction of the topic through smart board module	Students will be able to draft different types of posters.	Practice exercises
Hornbill Discovering Tut- The Saga Continues	.to know about Egyptian belief of mummification . have the historical knowledge about king Tut . to know how archaeology has changed in the interventing decades	.to inculcate valyes of concern, respect and curiosity .use of technology to unfold mysteries . to develop inquisitiveness towards historical events and people	. Power point presentation on King Tut and Egypt . A quiz based o the smart board module	Students will be able to . analyse and observe new phrases .know about archaeolgy and advancement in technologies	Textual Questions Comprehension /RTC
Snapshots The Address	To enable students to .understand effects of war .understand the belongingness towards one's things .realize the worth of loved ones in comparison to materialistic things.	To enable students to .respect the feelings of others. .accept the situation and be optimisticin life. .understand that war destroys life and peace restores everything. . understand family bonding and relation.	. Discussion on World War II. . What did Nazis do the Jews? . Discussion on effects of War and loss of infrastructure and resources.	.be optimistic in difficult situations . to forget the past and move ahead in life.	Textual questions Extracts/ RTCs Significance of House No. 46 Character Sketchs
Grammar Modals & Change of Voice	Knowledge of grammar topics and application	Usage of grammar topics	. Revision of Modals and Voice through smart board module . Worksheets based on the grammar topics	Students will be able to apply the concepts learnt	Worksheets / Exercises
Writing Application / Letter to Principal	. Focus on the content, process of writing	The students will be able to . share ideas, freedom to express and acceptance of ideas.	. Format for formal letter	Students will be able to . develop letter to school authorities regarding admission, school issues, requirements etc.	Practice exercise

Article Writing	. To know about the format	. share ideas,freedom to express and acceptance of ideas.	. Sample letters will be shown on smart board	. Will be able to write long compositions	Practise questions will be given
Report Writing	. To understand difference between newspaper report and school magazine report	. To understand the importance of report writing	. Sample of article and report writing	. Will be able to write long compositions	Practise questions will be given
Hornbill - Poem The Voice of the Rain	To enable students to	To enable students to	. Discussion on Water Cycle	Students will be able to values like	Comprehension Questions
	. understand the cyclic movement of rain	.develop aesthetic sense and appreciate bounty of nature	. How is the cycle getting disturbed?	.concern to save environment	What does the poem exactly convey to the readers?
	.understand the parrallelism drawn between the rain and a song	. rain as the life giving force on te earth	. Similarity between rain and music	. importance of saving natural resources	Textual questions
	. know the role of plants in getting rain.	. methods to safeguarding th environment.		. Identify the figures of speech	
Note Making					
	To enable students to .develop knowledge and purpose of writing notes. .express and writing effectively. .organize ideas on a particular topic	The students will be able to . organize and analyse data to be used to write notes.	. Introduction with the help of smart board module as to how to write notes, format along with discussion	Express effectively , sharing ideas and develop appropriate style of writing.	Practice exercises
Snapshot Silk Road	The students will be able to			The students will be able to	
	.know the difficulties faced while travelling	The students will be able to	.Discussion on 'Importance of Travelling'	. learn that people could work as a team to become successful.	Value based questions
	. understand that silk wasthe main commodity that was traded in thoseareas	. understand how to face challenging situations	. Smart board module on Silk Route.	.analyse that the author's experience at Hor was in stark contrast to earlier accounts of the place.	Character Sketches
	.know the purpose of the author's journey to Mount Kailash	.analyse and realise that people could work as a team to be successful	.Discussion on Silk Route and its importance.		Textual Questions

Transformation of Sentences	. application of knowledge	. Acquire knowledge through rules in grammar	. Practice exercise of each topic will be given	. will be able to apply the rules of grammar	Practice exercises will be given in the form of Quiz, games
	. develop appropriate style of writing.	. novelty of ideas	. Quiz will be conducted	. application of knowledge	
	. knowledge of the purpose and importance of grammar topics				
Snapshot Mother's Day	. to understand that our mothers have equal rights to enjoy their lives and deserve acknowledgement and appreciation	. realise the worth of sacrifice and struggles of parents for the children	. Mother works from morning till night catering to the needs of everyone. Do we ever realise that she too is a human being and needs rest? Share your views about the role of mother in your life. **Resources:** Extra Marks Module, Book, Green Board, Mind Map (Character), Notes	. to know that mothers have equal rights to enjoy their lives and deserve acknowledgement and appreciation	. Husbands, sons, daughters should be taking notice of wives and mothers, not giving them orders and treating them like dirt. What do you think about it?

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Hornbill Poem - Childhood	. understand that childhood is a bliss	. accept differences, understand people	. How can you define maturity?	. differentiate between innocence and maturity	. Write a brief note on "Childhood is an essential state in the process of growing up, but it can˝t go on forever.'
	. understand individuality, rationalism and hypocrisy	. value childhood and freedom	. Discuss: Is attainment of maturity a sign of loss of innocence?	. accept different people	
Lesson - The Adventure	-To introduce the students to the genre of science fiction and time travel.	. To facilitate making connections between similar situations in different storylines/life experiences. . It's an idea of parallel worlds	. Discuss in the group of two -A single event may change the course of action of the History of a nation	. to identify and understand the central/main point and supporting details along with the phrases used in the lesson	Textual questions will be discussed
Poem- Father to Son	. understand consequences of lack of communication and cold indifferences in a family.	. accept differences and understand people . respect elders and value relations	. Write a diary entry expressing your confession of being responsible of cold indifferences between you and your parents and finding solutions to the	. understand the consequences of lack of communication and cold indifferences in a family	. Why is the reference of the "Prodigal Son˝ given by the poet? . Which poetic device has been used here?
Snapshots Lesson - Birth	. understand the selfless service to mankind . understand the practical approach	. value commitment, care and concern . never lose hope	. Bookish knowledge is theoretical. It is practice and observation which makes a man with theoretical knowledge, a	.understand the duty and responsibility of a doctor . be positive and confident in adverse situation	. Comment on behaviour and role of the midwife who was attending Susan.
Writing Skills - Debate	To enable students to	The students will be able to			
	.develop knowledge and purpose of writing debate. .express and writing effectively. .organize ideas on a particular topic	. share ideas,freedom to express and acceptance of ideas.	. Introduction with the help of smart board module . as to how to write debate, format along with discussion	.Express effectively , sharing ideas and develop appropriate style of writing.	Practice exercises
Grammar					
Re- arranging Jumbled words and Phrases	.To be able to comprehend and use grammatical organization for quantifying and sentence completion.	. Usage of grammar topics	. Worksheets for all range of learners. Resources: Extra Marks Module, Book, Green Board, Mind Map (Character), Notes	. They will be able to identify errors and frame grammatically correct sentences.	Practice exercises

MONTHS:NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Snapshots					
Poem - The Tale of Melon City	. understand the process of fair and important judgment . understand that law is not only blind but can also spell disaster if it is thoughtlessly	. inculcate values like co-operation, confidence, faith, respect and integrity .	. How can peace and liberty be maintained in a state?	. realise that peace and liberty are the two strong factors for a state to to flourish.	.Comprehension questions . Textual questions / extracts
Writing skill Advertisement	. Develop knowledge and purpose of writing Advertisements. . understand and recollect the format	. relate with business, issues relating to the environment and the society.	. Use of projectors to show different model exercises based on the skill. Resources: Extra Marks Module, Book, Green Board, Mind Map (Character), Notes	. The students will be able to write advertisements with appropriate vocabulary and expression.	. Practice exercises based on the skill. . Assignment
Revision					

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Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : MATHEMATICS

MONTHS: APRIL & MAY					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Complex number	Complex Numbers and Quadratic Equations . Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane	• Complex number is used in Electromagnetism. • Complex number is used to simplify the unknown roots if roots are not real for quadratic equations. • Complex numbers are used in computer science engineering. • Complex number is used in mechanical and civil engineering.	To interpret geometrically the meaning of i and its integral powers.	Objectives. evaluate square roots of negative numbers, for example, $\sqrt{-64}$, understand that a complex number is a number that is formed of a complex of two parts: a real part and an imaginary part, identify the real and imaginary parts of a complex number.	Assignment based
Sets	Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations). Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement.	• Set is a collection of objects, termed elements. The objects of the sets can be anything from people, districts, countries, or any other possibilities. •Application of sets is used in statistics, Boolean algebra, and probability.	1. To find the number of subsets of a given set and verifythat if a set has n elements, then the total number of subsets is 2^n. 2. To represent set theoretic operations using Venn diagram.	• Describe memberships of sets, including the empty set, using proper notation, and decide whether given items are members and determine the cardinality of a given set. • Describe the relations between sets regarding membership, equality, subset, and proper subset, using proper notation.	Assignment based
Trigonometry	Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing sin (x±y) and cos (x±y) in terms of sinx, siny, cosx & cosy and their simple applications.	• Construction. • Astronomy. • Aviation or field engineering. • Navigation. • Measuring heights of a building. • Criminology. • Marine Biology.	To prepare a model to illustrate the values of sine function and cosine function for different angles.	• Convert between decimal degrees, degree-minute-seconds, and radian measure of an angle. • Evaluate the 6 trigonometric functions using a calculator, as well as determining exact values for some special angles without a calculator. • Solve triangle (right, acute, obtuse), given various angles and sides	Assignment based

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Relation function	• Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. • Cartesian product of the set of reals with itself (upto R x R x R). • Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. • Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. • Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions.	• Relations and functions are used in many aspects of our daily lives, often in ways that we don't even realize. • Here are a few examples: Employment: The relationship between a person's level of education and their income is a function. • Employers use this information to determine an employee's salary.	To distinguish between a relation and a function.	• Identify the differences between a relation and a function. • Determine whether or not a function is linear. • Calculate missing values for a stated function or function pattern. • Recognize multiple representations of linear functions.	Assignment based
linear inequality	• Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line.	• A system of linear inequalities is often used to determine the maximum or minimum values of a situation with multiple constraints. For example, you might be determining how many of a product should be produced to maximize a profit.	To verify the graph of the given inequality.	•Students can solve systems of linear equations by graphing. • Students are able to determine if a system of linear equations has no solution, one solution, or infinitely many solutions. • Students are able to determine which method is best to solve a system of linear equations.	Assignments based
Permutations and combinations	Fundamental principle of counting. Factorial n. (n!) Permutations and combinations, derivation of Formulae and their connections, simple applications.	• Permutations are used when order/sequence of arrangement is needed. • Combinations are used when only the number of possible groups are to be found, and the order/sequence of arrangements is not needed. • Permutations are used for things of a different kind. Combinations are used for things of a similar kind.	To find the number of ways in which in which three cards can be selected from the given five cards.	• After studying this lesson on permutation, students will be able to: Define a permutation and explain how to calculate one. • Explain what a factorial is and its relation to permutations. • Solve some actual permutation and factorial problems.	Assignment based

Binomial theorem	• Historical perspective, statement and proof of the binomial theorem for positive integral indices. • Pascal’s triangle, simple applications.	• The binomial theorem is used in advanced mathematics and calculating to determine roots of equations in higher powers. • This theorem has applications in Permutations and Combinations, Probability, Matrices, and Mathematical Induction, and is a very important part of algebra.	To construct a Pascal's Triangle and to write binomial expression for a given positive integral exponent.	• Work with combinations. • Generate rows of Pascal's triangle. • Use the binomial theorem to expand polynomials, and to identify terms for a given polynomial. • Use the binomial theorem to calculate the probability of success or failure in a Bernoulli trial.	Assignment based

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Sequence and series	Sequence and Series. Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M	• Many real-life situations can be modelled using sequences and series, including but not limited to: patterns made when tiling floors; seating people around a table; the rate of change of a population; the spread of a virus and many more.	To obtain the formula for the sum of squares of first natural numbers.	• Find any element of a sequence given a formula for its general term. Use sigma notation and expand corresponding series. Distinguish between a sequence and a series. Calculate the nth partial sum of sequence	Assignment based
Straight line	• Straight Lines • Brief recall of two dimensional geometry from earlier classes. Slope of a line and angle between two lines. • Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form, Distance of a point from a line.	• Straight Line Class 11 Formulas are widely applied in construction work, mechanical engineering, designing, seismology, oceanography, phonetics, architecture, etc. • Many routine calculations in the various fields apply straight line formulas.	To verify the equation of a line passing through the point of intersection of two lines	• find the equation of a line in point–slope form . • find the equation of a line in general form ($a\,x + b\,y + c = 0$) given two points on the line, • find the equation of a line given the slope or one point on the line and given that another point on the line.	Assignment based
Conic section	• Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. • Standard equations and simple properties of parabola, ellipse and hyperbola. • Standard equation of a circle.	•The curves are known as conic sections or conics. Because the curves are obtained from the intersection of a plane with a double-napped right circular cone. • These curves have a wide range of applications in various fields like automobile headlights, designing of antennas and telescope, reflectors etc.	To construct different types of conic sections.	• Convert general and standard forms of equations of conic sections, identify whether an equation of a conic section describes a parabola, a circle, a noncircular ellipse, or a hyperbola by examining its discriminant	Assignment based
Three dimensional geometry	• Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points	• Applications of geometry in the real world include the computer-aided design (CAD) for construction blueprints, the design of assembly systems in manufacturing such as automobiles, nanotechnology, computer graphics, visual graphs, video game programming, and virtual reality creation.	To explain the concepts of octants.	Students will be able to solve problem sums related to three dimensional geometry.	Assignment based

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Limits and derivatives	• Derivative introduced as rate of change both as that of distance function and geometrically. • Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. • Definition of derivative , relate it to scope of tangent of the curve,derivative of sum, difference, product and quotient of functions. Derivatives of polynomial	• To measure the speed or distance travelled, such as in miles per hour, kilometer per hour, etc., limits and derivatives formulas are frequently used. • Formulas from Limit and Derivatives can be used to derive a number of expressions and equations in fields like physics.	To discuss geometrical significance of derivatives.	• Limit refers to the value that a sequence or function approaches when the input approaches a certain value. • This is because the derivative assesses the steepness of a function's steepness on a graph at a point on the graph. • The value of a function when the input approaches a specific value can be defined as a Limit.	Assignment based
Statistics	• Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/ grouped data.	• Statistics can be used to predict the future, determine the probability that a specific event will happen, or help answer questions about a survey.	To discuss mean deviation, variance and standard deviation by giving day-to-day life examples.	Students will be able to solve the word problems related to mean deviation, Variance and Standard deviation.	Assignment based
Probability	Events; occurrence of events, ‘not’, ‘and’ and ‘or’ events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of ‘not’, ‘and’ and ‘or’ events	• Flipping a coin. • Choosing a card from the deck. • Throwing a dice. • Pulling a green candy from a bag of red candies. • Winning a lottery 1 in many millions.	To write sample space when a coin is tossed once, twice, thrice or four times.	• Explain the concept of probability. • Calculate the probability of simple events. • Calculate the probability of compound events. • Calculate the probability of complementary events.	Assignment based

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Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : PHYSICS

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	APPLICATION BASED			
Chapter 1 - Units and dimensions	• Understand the various systems of units • What is the utility of different units • Whydifferent systems are introduced • Understand thesystemsof units in India and in other countries. • To understand the meaningof dimensional formula	• How the different units of same physical quantities are related. • Applications of units in export import purposes • Applying the knowledge of units in day to day life.	**Lab Activities** 1. Determination of diameters of objects using vernier calipers. 2. Determination of diameters of objects using screw gauge . 3. Determination of radius of curvature by spherometer **Resources:** NCERT book Smart board Ncert Exemplar book	**Skill - Curiosity, Critical thinking** • The various systemsofunits **Skill - Analysing** •the relation between different units of different systems **Skill- Problem solving** •Numericals on applications of dimensions	• Assignments • Class tests • Oral tests • MCQs • Assertion reasoning
Chapter 2 - Motion in a straight line	• Understand the difference between one dimension, two dimension and three dimensional motion • Understand the conceptof uniform, non uniform and accelerated motion. • Understand the concept of averagespeed, instantaneous speed . • Understand the difference between speed and velocity .	• Apply the motion in 1D,2D and 3D motion in day to day life e.g.motion of train on straight track(1D),crawling of insect on a wall (2D) and motion of kite in sky(3D). • Apply the concept of x-t graph,v-t graph in calculating the velocity ,acceleration and retardation of a train,vehicle moving with uniform and nonuniform speed.			
Chapter 3 : Motion in a Plane	•Vectors/Basic mathematical concepts • Scalar and vector quantities;Position and displacement vectors, • general vectors and their notations; • equality of vectors, multiplication of vectors by a real number; • addition and subtraction of vectors. • Unit vector; Resolution of a vector in a plane-rectangular components. •Scalar and Vector product of vectors • Projectile motion maximum range height and time	•Apply the concept of max.range of a ball in a match and with the same effort a sportsman can increase the range of his shot if he hits the ball at an angle of 45 degree, • Apply the inertia of rest and motion like when a person standing in a bus falls backward when bus start moving suddenly.	**Lab Activity** • Verification of law of parallelogram • And determination of unknown weight **Resources**: NCERT book Smart board Ncert Exemplar book •Determination of coefficient of friction on horizontalsurface •Determination of coefficient of friction on an inclined plane	**Skill - Identifying and Observation** Different types of vectors **Skill - Analysing and problem solving** Addition, subtraction and multiplication of vectors **Skill -Investigating** Type of projectile motion	• Assignments • Class tests • Oral tests • MCQs • Assertion reasoning
Chapter 4 : Laws of Motion **• force (balanced and unbalanced force) and motion,** **• Newton's laws and its applications, inertia, momentum,** **• Impulse, law of conservation of linearmomentum.** **• Connected pullies and elevator problems**	• Understand the difference between balanced and unbalanced forces. • Understand the conceptof force. • Understand the concept of inertia and its types. • Understand the keys of Newton's laws. • Formulate the Newton's second law of motion. • Understand the conceptof momentum	• analyze the concept of Newton's laws in daily actions like when a fielder pulls his hand backward;while catching a cricket ball • Apply the concept of impulse and momentum in cricket or any game during collision.			

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Work power and Energy. **Work done by a constant force and variable force, kinetic energy,work energy theorem, power.** **Notion of potential energy, potential energy of a spring, conservative forces, conservation of mechanical energy, non conservative forces, elastic and inelastic collisions in one and two dimensions.Lab Activity**	• Understand the concept of Scalar Product,Work Done By Constant Force And Variable Force • Understand concept of kinetic energy,work energy theorem and power. • State the work energy theorem. • Understand the concept potential energy. • Understand the concept of conservative and non conservative forces	• Apply the concept of conservative and non conservative force in terms of smart working and hard working. • For proper output in working the importance of direction. • Apply the concept of work energy theorem in routine that whatever amount of energy we have accordingly we do the work By using the concept of potential energy we can increases the efficiency of work done	**Activities** • By demonstrating the activity using spring balance and bob the potential energy stored in an object will be explained. • And by law of conservation of energy the speed of an object when falling from a certain height will be calculated and using the value of speed kinetic energy will be calculated **Resources:** NCERT book, Smart board ,	**Skill - Curiosity, Critical thinking** • Concept of work, energy and power **Skill - Analysing and application** Difference between KE and PE and Application of the concepts **Skill- Problem solving** Numericals	•Assignments •Class tests •Oral tests •MCQs •Assertion reasoning
Chapter- Gravitation **Gravitation Kepler's laws of planetary motion.** **The universal law of gravitation, Acceleration due to gravity and its variation with altitude and depth, gravitational potential energy, gravitational potential, Escape velocity, orbital velocity of a satellite.** **Geostationary satellite**	Understand the concept : • of orbital and escape velocity. • State the Newton's law of gravitation and Kepler's law of planetary motion • Understand to differentiate gravity and gravitation. • Understand concept of acceleration due to gravity. • Understand to differentiate gravitational potential and gravitational potential energy.	• Apply the concept to find gravitational force between earth- sun, earth - moon, * Apply the concept to find weight of a body at different altitude and depth near earth • Apply the concept to find time period / height of geostationary satellites	Lab Activities • Determination of acceleration due to gravity by simple pendulum • Using pendulum of different masses **Resources:** NCERT book, Smart board, Ncert Exemplar book	Skill- Understanding and Application - Newton's law of gravitation Skill - Inquisitiveness and Inquiry - Satellite and its different energies Skill - Problem solving - Numericals on the topic	•Assignments •Class tests •Oral tests •MCQs •Assertion reasoning
Chapter - System of particles and rotational motion, centre of mass of two-particle system,momentum conservation and centre of mass motion, centre of mass of rigid body, centre of mass of uniform rod. **Vector product of vectors,moment of force, torque, angular momentum, conservation of angular momentum with some examples.** **Equilibrium of rigid bodies, comparison of linear and rotational motion, moment of inertia and radius of gyration.Values of moments of inertia for simple geometrical object, statement of parallel and perpendicular axes theorem and their applications.**	Understand the concept of *Centre of mass * Torque and Angular momentum * Moment of inertia and its value for different mass distributions * Use of theorem of parallel and perpendicular axis in numericals	Apply the concept to * understand motion of a rotating wheel, spanner used to tighten nuts, merry go round and see- saw * balance point of ladder, and beam balance *Motion of a ballerina , high jump from a diving board, tornado	Resources: NCERT book Smart board Ncert Exemplar book	Skill- Understanding and Application - Concept of rotational motion Skill - Inquisitiveness and Inquiry - To calculate Moment of inertia of a mass distribution Skill - Problem solving - Numericals on the topic	•Assignments •Class tests •Oral tests •MCQs •Assertion reasoning

Chapter - Properties of solids and fluids **Properties of Matter: 1.Solids- Elastic behaviorof solids, stress, strain,elastic limit,** **Hook's law, Modulus of elasticity, potential energy in a stretched wire, poisson;s ratio, thermal stress** **2.Hydrostatics(fluids at rest); Pressure of liquid, applications of concept of pressure, density, hydrostatic paradox,Pascal's law,Atmospheric pressure, Buoyancy intermolecular forces,important terms related to study of surface tension of liquid, surface tension, surface energy, excess pressure, angle of contact, capillarity,ascent formula.** **3.Hydrodynamics; viscosity, Poiseuille's formula,Stoke's law, terminal velocity, streamline turbulent and Laminar flow, critical velocity, Reynold'snumber, equation of continuity, Bernoulli's theorem, Blood pressure.**	•Understand the concept Elasticity • Understand concept of Pressure of liquid, intermolecular forces • StatethePascal's law and Hook's law, Stoke's law, Bernoulli's theorem. • Understandthe concept surfacetension of liquid, surface energy • Define angle of contact , critical velocity, Specific heat capacity,water equivalent, latent heat, principal specific heats of gas. • Understand the applications of Pascal's law in Hydraulic lifts and breaks, • Understand various parts of human bodies carries different blood pressure . • Understand why the cooking utensils are provided with wooden handles .	• Apply Hook's law in day to day life as a limit of flexibility in behavior according to the situation • Apply the Pascal's law to reduce the pressure by distributing it in different ways. • Applications principle of floatation in keeping the things stable in day to day life. • Apply the concept of viscosity by using lubricants in automobiles and other machinery. • Apply the concept of reflecting and absorbing properties of a substance food items can keep fresh, using silver foils.	Lab Activities •Determination of coefficient of viscosity of glycerin by estimating terminal velocity • Determination of Young's modulus of elasticity by Sear'ls apparatus **Resources:** NCERT book Smart board Ncert Exemplar book	Skill- Observation and Inquiry- Pascal's Law Applications and Bernoulli's theorem Skill- Application - Stoke's law, Coefficient of viscosity, Specific heat and latent heat Skill Critical thinking and Problem solving- Numericals on the concept	• Assignments • Class tests • Oral tests • MCQs • Assertion •reasoning

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
***Thermodynamics** **• Thermal properties of matter;** **• Heat, Temperature, thermal expansion,** **• types of thermal expansion,** **• Anomalous expansion of water, expansion of gases,** **• Specific heat capacity, waterequivalent, change of state, latent** **• Zeroth law of thermodynamics, thermodynamic state variables and equation of state,** **• indicator diagram or p-v diagram, isothermalchange,** **• Adiabatic change, slopes and work done of isothermal and adiabatic changes,** **• isobaric and isochoric changes,** **• first law of thermodynamics,** **• Applications of the first law ,cyclic and non cyclic process, heat engine, carnot engine, principle of refrigerator.**	• Understand the concept thermal equilibrium • Understandthe terms thermodynamic variables • State Zeroth law, first law, second law of thermodynamics • Understand the mechanism of carnot engine and heat engine. • Understand various process of thermodynamics	• How the concept of heat engine applied in petrol engine and diesel engine. • How the efficiency of an engine can be increased. • Create the interest in mechanical. And petroleum engineering	**Lab Activity** Verification of Newton's law of cooling Resources: NCERT book Smart board Ncert Exemplar book	**Skill - Understanding and Observation** • To understand and observe various thermal properties of matter like conduction, convection and radiation in day to day life. **Skill - Analysis** Analysing the laws of thermodynamics and different specific heats of a material **Skill - Problem Solving** Numericals on the topic	Assignments Class tests Oral tests MCQs Assertion reasoning

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Oscillations and Waves **Periodic motion - time period, frequency, displacement as a function of time. Periodicfunctions. Simple harmonic motion (S.H.M) and its equation; phase; oscillationsof a spring– restoringforceand force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum– derivation of expression for its time period. Free, forced and damped oscillations (qualitativeideas only), resonance. Wave motion. Transverseand longitudinal waves,speedof wave motion. Displacement relation for a progressive wave. Principle of superposition of waves, reflection ofwaves,standing waves in strings and organ pipes, fundamentalmode and harmonics, Beats, Doppler effect**	• Understand the concept of Periodic motion • Understand the terms time period,frequency, displacement as a function of time • Understand the Free,forced and damped oscillations (qualitativeideas only), resonance • Understand Wave motion. Transverse and longitudinal waves, speed of wave motion. Displacement relation • for a progressive wave.Principle of superposition of waves, reflection of waves,standing • Understand Principle of superposition of waves, reflection of waves, standing wavesin stringsandorgan pipes, fundamental mode and harmonics,Beats, Doppler effect	• The concept of free and forced oscillations is used in constructions of buildings • Concept of time period can be applied while swinging. • In different musical instruments concept of superposition of waves can be applied • How Doppler's effect is used to determine the distance of objects on the basis of reflection of sound (qualitativeideas only), resonance • Understand Wave motion. Transverse and longitudinal waves, speed of wave motion. Displacement relation • for a progressive wave.Principle of superposition of waves, reflection of waves, standing • Understand Principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics,Beats, Doppler effect	**Lab activities** • Concept of periodic motion and oscillations with the help of simple pendulum. • Formation of stationary waves by sonometer • Formation of stationary waves by resonance column Resources: NCERT book Smart board Ncert Exemplar book	**Skill - Curiosity and Critical thinking** •Concept of oscillations and waves **Skill - Application and Observation** • Understanding the types of vibrations and equations of wave **Skill - Problem solving And analysis** • Numericals on the chapter	Assignments Class tests Oral tests MCQs Assertion reasoning

Blooming Dales School, Hisar

Annual Curriculum Pedagogy Assessment Plan

Session: 2025-26

SUBJECT : CHEMISTRY

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	APPLICATION BASED			
Chapter 1					
Some basic concepts of chemistry **• Classification of matter,** **• Measurement of physical quantities** **• Scientific Notations,Significant figures** **• Dimensional Analysis** **• Laws of Chemical Combinations** **• Daltons Atomic Theory** **• Atomic Mass /Formula mass/Mole Concept** **• Percentage Composition** **• Emperical Formula**	Students will be able to- • identify different types of matter • recognize SI System of mesurements for the various • calculations including mass ,weight,volume,density temperature,significant figures • identify and describe laws of chemical combinations • interpret and develops relationship between Percentage composition ,and Emperical formula of various compounds	Students will be able to- • convert units of measurement within and between the Metric and English Systems of measurement by using dimensional analysis. • use formulas to calculate unknowns for the number of moles,mass, entities or formula units. • the distinction between qualitative and quantitative chemical analysis • to use the scientific method to create, test, and evaluate a hypothesis. • the determination of the molar mass of an unknown nonelectrolyte and an unknown electrolyte • Students will gain an understanding the fundamental properties of atoms, molecules, and the various states of matter :stoichiometric calculations of chemical equations to determine the quantities of reactants and products, limiting reagent problems, and enthalpies of reactions	•Worksheets • Group activities and classroom discussion • Procedures to know role of Molarity, Normality in preparation of solutions • Numerical practice **Resources:** NCERT Books Audio-visual Aids/Smart Boards/ Chalk Board	Student will be able to: - • the distinction between qualitative and quantitative chemical. analysis • use the scientific method to create, test, and evaluate a hypothesis. • the determination of the molar massof an unknown nonelectrolyte and an unknown electrolyte • Students will gain an understand the fundamental properties of atoms, molecules,and the various states of matter of: stoichiometric calculations of chemical equations • to determine the quantities of reactants and products,limiting reagent problems,and enthalpies of reactions	Students will be assessed based on •Assignment & Class Test topics include:- 1. Classification of matter 2. SI unit of various physical quantities 3. Scientific notations and mathematical operations 4. Significant figures (precision and accuracy) 5. Dimensional analysis 6. Laws of chemical combination and Dalton's theory 7. Atomic and molecular masses 8. Mole concept and molar masses 9. Empirical formula 10. Percentage composition 11. Limiting reagents 12. Different formulae to express volume of solution a) Mass percentage b) Mole fraction c) Molarity d) Molality
Chapter-2					
STRUCTURE OF ATOM **• Discovery of electron/Proton/Neutron** **• Atomic Models** **•Rutherford Model** **• Bohr Model** **• regions of Hydrogen spectrum** **• De-Broglie's dual behavior ofmatter** **• Heisenberg's uncertainty principle** **• important features of quantum mechanical model of atom** **• Significance of quantum numbers** **• Probability density curves and boundary surface diagrams of s, p and d orbitals** **• Rules of electron filling in atoms** **• Writing of the electronic configuration of atoms**	After the completion of chapter the student: •Understands the experiments leading to discovery of sub atomic particles. •Explains atomic models incuding Thomson Model, Rutherford Model,and Bohr Model •Explains Dual nature of matter and light.explains de-Broglie's dual behavior of matter and solves numerical problems • explains Heisenberg's uncertainty principle and solvesnumerical problems • summarises the important features of quantum mechanical model of atom • explains the significance of quantum numbers • sketches the probability density curves and boundary surface diagrams of s, p and d orbitals • explains the rules of electron filling in atoms and writes the electronic configuration of atoms	Students will- • differentiate the fundamental properties of atoms, molecules,and the various states of matter with an emphasis on the particulate nature of matter • develops relationship between fundamenta particles and their role in various atomic structures • be able to classify conceptsof different models including Rutherford Model,Bohr Model • sketches the probability density curves and boundary surface diagrams of s, p and d orbitals	• Worksheets • Group activities and classroom discussion • Procedures to know role of fundamental particles in atomic structures • Numerical practice Resources: NCERT Books Audio-visual Aids/Smart Boards/ Chalk Board	The student will take initiatives • to know about scientific discoveries/ inventions, such as, fundamental particles in an atom; discovery of various atomic models • relates processes and calculations with respect to different models • calculates using the data for an atom for the determination of radius,energy spectra	• The students will solve selected questions from NCERT book of exercise in their notebook in the class with the help of their teacher. • The topics included are: 1) partices of atom 2) Rutherford Model 3) Bohr Model

Chapter-3					
Classification of Elements and Periodicity in Properties **• The periodic classification of elements** **• Mendeleev and Modern periodic table** **• Classification of the elements into different blocks viz. models and get a detailed idea of their general characteristics** **• Periodic properties Ionisation enthalpy, Electron gain enthalpy, Electronegativity, ionic and atomic radii and their variations in the given form of the periodic table** **•Correlation of various elements and their physical properties in the periodic table**	By the end of this unit, students should be able to • Understand how the periodic table is organized and classify elements by family name, group number, and period number. • Explain the pattern of the physical properties of the elements with relationship to period and column. • be able to predict the trends of atomic radius, ionic radius, and ionization energy. • Identify unknown elements based on their properties of atomic radius, malleability, conductivity, and ionization energy. • Recognize the contributions to the organization of the periodic table over time by important scientists.	Student will: • Classify an element as a metal, nonmetal, or metalloid based on its physical and chemical properties. • Differentiate the importance of atomic number, electronic configuration pattern with respect to different elements in periodic table • find similarities and differences in the periodic trends in physical and chemical properties of elements.	• Worksheets • Group activities and classroom discussion • Procedures and calulations to know various trends in periodic properties like atomic radii,ionization enthalpy,electron gain enthalpy and electronegativity • Reasoning questions **Resources:** NCERT Books Audio-visual Aids/Smart Boards/ Chalk Board	The students will be able to • Understand about the periodic classification of elements • Cherish with the essentials of Mendeleev and Modern periodic table • Classify the elements into different blocks viz. models and get a detailed idea of their general characteristics • Know about the periodic properties viz. Ionisation enthalpy, electron gain enthalpy. • Electronegativity, ionic and atomic radii and their variations in the given form of the periodic table • Correlate various elements and their physical properties in the periodic table	• The students will solve selected questions from NCERT book of exercise in their notebook in the class with the help of their teacher. • The topics included are: periodic trends,atomic radii, ionization enthalpy and electronegativity

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter-4 **Chemical Bonding** **• Octet rule and its limitations** **• Covalent bond** **• Steps to write lewis structure** **• Formula for formal charge** **• Ionic or electrovalent bond** **• Lattice enthalpy** **• Bond parameters** **• Resonating structures** **• Polarity of bonds** **• VSEPR theory** **• Valence bond theory** **• Types of hybridisation** **• Molecular orbital theory** **• Hydrogen bonding and its type**	By the end of this lesson the students will be able to • Understand the different approaches to types of chemical bonding • Explain the rules to write the Lewis structures of simple molecules and the limitations involved • Explain the Bond parameters viz., Bond angle, Bond length, Bond enthalpy and Bond order which would give a complete knowledge of electronic concept of structures of the molecules • Describe the VSEPR theory and its significance in predicting the anomalous change ingeometry of molecules due to different kinds of electronic interactions • Give an account of VB theory that predicts the geometry of molecules in terms of the concept of hybridization • Explain the concept of resonance • Describe the concept of hydrogen bonding	After the completion of chapter the student will be able to:- • compare and sketch Lewis structures of simple molecules • differentiate the formation of ionic bond and covalent bond • explain different bond parameter resonance structures of simple molecular species • identifies the polarity of covalent bonds and predicts the polar nature of some simple molecules • use knowledge to explain VSEPR theory and predicts the geometry of simple molecules • explains the valence bond approach for the formation of covalent bonds • predicts the directional properties of various covalent bonds • explains the different types of hybridization involving s, p and d orbitals and sketches shapes of simple covalent molecules • draw the molecular orbital diagram of homonuclear diatomic molecules • identify the concept of hydrogen bonding • Calculate the formal charge of atoms present in the Lewis structures which will give an idea of actual shapes of molecules	• Worksheets • Group activities and classroom discussion • Procedures and calulations to know Lewis structures of various molecules, Hybridization, bond parameters, VBT, VSEPR theory and MOT diagrams • Reasoning questions **Resources:** NCERT Books Audio-visual Aids/Smart Boards/ Chalk Board	The students will be able to • Understand the different approaches to types of chemical bonding • Explain the rules to write the Lewis structures of simple molecules and the limitations involved • Calculate the formal charge of atoms present in the Lewis structures which will give an idea of actual shapes of molecules • Explain the Bond parameters viz., Bond angle, Bond length, Bond enthalpy and Bond order which would give a complete knowledge of electronic concept of structures of the molecules • Describe the VSEPR theory and its significance in predicting the anomalous change in geometry ofmolecules due to different kinds of electronic interactions • Give an account of VB theory that predicts the geometry of molecules in terms of the concept of hybridization • Explain the concept of resonance • Describe the concept of hydrogen bonding	• The students will solve selected questions from NCERT book of exercise in their notebook in the class with the help of their teacher. • The topics included are: formal charge ,bonding,VBT , VSEPR,MOT theory
Chapter-7 **Redox Reaction** **• Concept of oxidation, reduction, oxidising agent and reducing agent** **• Oxidation number: Definition, notations and application** **• Types of redox reactions** **• Methods for balancing redox reactions** **• Electrode potential** **• Electrochemical series**	By the end of this lesson the students will be able to • identifies oxidation and reduction • defines the terms, oxidation, • Understanding reduction, oxidizing agent and reducing agent • explains mechanism of redox reaction using electron transfer process • recognizes oxidation number and solve problems to find out oxidation number. • identifies oxidant and reductant using oxidation number. • classifies redox reactions into combination reactions,decomposition reactions, displacement reactions, and disproportionation reactions • recognize balancing of redox reactions using oxidation number method and half reaction method.	After the completion of chapter the student will be able to • Distinguish Electronic concept of oxidation and reduction • Find Basic principles involved in redox reactions . • identify mechanism of electron transfer involved in redox reactions • Calculate of oxidation numbers in terms of electron transfer • Balancing of redox reactions using **i)** oxidation number method **ii)** half reaction method • find relationship between electrochemistry of redox reactions as a tool for future knowledge	• Worksheets • Group activities and classroom discussion • Procedures to balance the redox reactions in both acidic and basic mediums • calculate oxidation number • Reasoning questions **Resources:** NCERT Books Audio-visual Aids/Smart Boards/ Chalk Board	Students will be able to:- • identify reactions that involve oxidation and reduction • balance oxidation-reduction reaction using the half-reaction method for both acidic and basic solutions. • calculate oxidation number	• The students will solve selected questions from NCERT book of exercise in their notebook in the class with the help of their teacher.

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
CHAPTER 5 THERMODYNAMICS **• Thermodynamic state** **• Applications** **• Measurement of internal Energy and Enthalpy: Calorimetry** **• Enthalpy change of a reaction** **• Enthalpies of different types of reactions** **• Spontaneity** **• Gibbs energy change and Equilibrium**	Students will be able to *define the thermodynamic terms *differentiate between exothermic and endothermic reactions * state laws of thermodynamics * state Hess's Law * define enthalpies of formation, combustion, neutralization, atomisation e.t.c. * define entropy	Students will be able to * explain first law of thermodynamics * compute the relationship between internal energy chnage and enthalpy change. * calculate enthalpy of a reaction using a Hess's law. * solve numerical problems based on enthalpies. * derive the relation of Gibbs Helmoltz equation * illustrate the Gibbs energy criterion for spontaneous process * relate the standard Gibbs energy change with the equilibrium constant and solve the numericals problems	**Activities ;** Computation of numerical problems using LOG TABLES. * spontaneity crieterion - Gibbs free energy. **Resources ;** Smart board module, Audio-Visual Aids, You tube video- entropy change Green Board, Chalk, Duster Reference book:Together with chemistry	The learner will able to * define thermodynamic terms, open system, closed system and isolated system, state functions, extrinsic , intrinsic property. * state laws of themodynamics and solve numerical problems based on first law of thermodynamics. * state enthalpy and calculate enthalpies using different formulae. * state Hess's law of summation and solve numerical problems based on Hess's Law. * illustrate spontainety crieterion on the basis of gibbs free energy.	Students will be assessed based on * Intext and Back Exercise questions (**Remembering and Applying skills**) * MCQ (**Critical thinking and Understanding skills**) * Case based study from sample papers (**Computing, Evaluating and Analyzing skills)**
CHAPTER 6 EQUILIBRIUM **7.1 Equilibrium in physical and chemical processes 7.2 Law of chemical equilibrium and Equilibrium constant** **7.3 Homogeneous and Heterogeneous Equilibria 7.4 Applications of equilibrium constants** **7.5 Relationship between K, Q, G** **7.6 Factors affecting Equilibria** **7.8 Ionic Equilibrium in Solution** **7.9 Acids, bases, salts and Ionization** **7.10 Buffer Solutions** **7.13 Solubility Equilibria of sparingly soluble salts**	Students will be able to * differentiate between static and dynamic equilibrium * list and explain characteristics of equilibrium state * differentiate between homogerneous and heterogeneous equilibria * State and apply Le Chatelier's principle * define and explain various concepts of acids and bases * define conjugate acid-bases pair * define pH, buffer solutions and common ion effect	Students will be able to * explain the Law of mass action * derive the relation between Kc and Kp and carry out calculations involving them. * correlate the degree of dissociation and dissociation constant of weak electrolyte * derive the expression for ionic product of water. * Identify the relationships between the solubility product of salts of AB, AB2 etc.	**Activities** ;Laboratory activity Salt analysis. **Iceberg Activity**: Application of equilibrium constant **Resources** ; Smart board module, Audio-Visual Aids, You tube video- Green Board, Chalk, Duster Reference book:Together with chemistry	The learner will able to * Solve the intext and back exercise questions based on _ Kc _ Kp _ Kc & Kp relation _ reaction quotient _Le Chateliers principle _ Acids and bases theory _ conjugate acids and bases _solubility product _ pH and buffer solution	Students will be assessed based on * Intext and Back Exercise questions (**Applying and Evaluating Skills**) * Extra numerical problems (**Analyzing and Evaluating Skills**) * Application based questions from sample papers (**Critical thinking and Understanding Skills**)

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
CHAPTER 8 ORGANIC CHEMISTRY-SOME BASIC PRINCIPLES AND TECHNIQUES **• structural representation of organic compound** **• classification of organic compound** **• isomerism and nomenclature of organic compound** **• fundamental concepts in organic reaction mechanism** **• Electron displacement effects in covalent compounds** **• methods of purification of organic compounds (Project based)**	Students will be able to * identify hybridization of each carbon in an organic compound * identify sigma and pi bond in a given molecule * represent structural formula in various ways like bond line structure * classify organic compound as aliphatic, open chain, straight, branched aromatic, heterocyclic	students will be able to * explain stability of free radicles, carbocation, carboanion, carbenes intermediates inorganic reactions * identify the type of reaction like sustitution, addition, elimination etc. * compare the organic compound on the basis of acidity and stability on the basis of inductive effect or hyperconjugation. * draw resonating structures for phenol, nitrobenzene and aniline.	**Activities** ; Nomenclature and bond line structures as fun worksheet * Research and write an article on any one method of purification of organic compound or suitable quantitative analysis of elements **Resources** ; Smart board module, Audio-Visual Aids, You tube video- entropy change Green Board, Chalk, Duster Text book: NCERT XI CHEMISTRY PART II	The learner will be able to * draw bond line structures and write correct naming as per IUPAC. * draw resonating structure for phenol, aniline etc. * write a short note on Free radicle, carbocation, carboanion. * compare and write about electron displacement effect in organic compounds Inductive effect, Electromeric effect, Resonance, Hyperconjugation,	Students will be assessed based on * Intext and Back Exercise questions (**Understaning and Applying skills**) * Nomenclature and Bond line structure worksheet (**Creative skills and Art integration**) * Application based questions from sample papers (**Critical thinking and applying and analyzing skills**)
CHAPTER 9 HYDROCARBON **• Hydrocarbons nomenclature and conformation** **• Preparation and chemical properties of alkanes** **• Preparation and properties of alkenes** **• Preparation and properties of alkynes** **• Aromatic compound - benzene preparation and chemical reactions** **• Carcinogenecity and toxicity**	Students will be able to • name hydrocarbons according to IUPAC name • identify and write the structures of isomers of alkanes, alkenes, alkynes and arenes • understand the preparation of alkanes, alkenes, alkynes and arenes. • differentiate between alkane, alkene and alkyne on the basis of physical and chemical properties. • compare reactivity of alkane alkene & alkyne.	Students will be able to * describe free radicle mechanism * carbocation mechanism * draw and differentiate between various conformation of ethane * * explain geometrical isomerism in in alkenes (cis & trans) * predict the product of addition reaction (markownikav's rule and kharash reaction * explain the structure of benzene, explain aromaticity (Huckel's rule) * compounds which are toxic and cancer causing	**Activities** ; * Conformation structure of ethane * Geometrical isomers of cis & trans **Resources** ; Smart board module, Audio-Visual Aids, You tube video- entropy change Green Board, Chalk, Duster Text book: NCERT XI CHEMISTRY PART II	The learner will be able to * write IUPAC name for the Complex hydrocarbon. * prepare list of preparation of alkanes, alkenes and alkynes. * write short name on the name reactions like ozonolysis, Kolbe's reaction, wurtz reaction etc. * give and compare geometrical isomers cis and trans and their boiling point. * identify electron releasing and electron withdrawing group and their directive influence on electrophilic substitution reaction.	Students will be assessed based on * Intext and Back Exercise questions (**Critical thinking and Understanding skills)** * MCQ and Conversions (**Applying and Analyzing skills)** * Case based study from sample papers (**Critical thinking, applying and Analyzing Skills**)

Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : BIOLOGY

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	APPLICATION BASED			
Chapter 1:Living World Topic: *Diversity in the living world *Taxonomic categories	Students will be able to: *Understand and differentiate between Living and Non living organisms *Classify different Living organism on the basis of hierarchy *Facilitate, identify and classify different organisms *Explore the diversity of life forms on Earth, including prokaryotes, protists, fungi, plants, and animals. * Introduce the concept of biological classification and taxonomy, including the classification hierarchy and principles of classification (e.g., Linnaean system	Students will be able to: *Emphasize on the development of observational and analytical skills and inculcating values like Responsibility, Coordination Awareness and Concern *Students will be empathetic towards the living organisms. *Able to apply their knowledge of taxonomic categories to classify and identify organisms in real-world scenarios, such as ecological surveys, biodiversity assessments, and conservation projects.	**Activities:** *Writing binomial nomenclature for common organisms. *study of Parts of a compound microscope **Resources:** *NCERT book *Compund microscope *Chalk board *Biology lab material	Students will: *Differentiate organisms, phenomena and processes based on certain characteristics and salient features. **(analysing, identifying)** *Apply scientific terminology for organisms, processes, and phenomena based on internationally accepted conventions like Binomial nomenclature, systematics and taxonomy. **(applying)** *Classify organisms into appropriate taxonomic categories based on provided characteristics. ***Interpret** phylogenetic trees and cladograms to infer evolutionary relationships. ***Evaluate** the effectiveness of different classification criteria in grouping organisms. ***Apply** knowledge of biological classification to analyze real-world scenarios and solve classification-related problems.	NCERT back exercise questions. MCQ Assignment Oral test
Chapter 8: Cell-The Unit of Life •What is a cell ? • Cell theory • An overview of cell • Prokaryotic Cell • Eukaryotic Cell	Students will be able to : *Understand cell theory and will know about the scientist who proposed and modified cell theory and its postualtes *Identify the organelles of a cell and explain their functions. *Compare and contrast prokaryotic and eukaryotic cell structures. *Describe the significance of cell membranes in maintaining cellular integrity and regulating transport. *Understand and explain the structure of different cell organelles working together as Endomembrane system *Gain knowledge about the different types of chromosomes	*Analyze how different organelles work together to maintain cell homeostasis. *Apply knowledge of cell structure to understand cellular processes like metabolism and protein synthesis.Explain the mechanisms of passive and active transport across cell membranes. *Predict how changes in extracellular conditions can affect cellular transport processes. *Evaluate the importance of transport proteins in maintaining cell functionIdentify the major organelles of a eukaryotic cell and explain their functions.	**Activity:** **Lab activity**: *Study of osmosis by potato osmometer. *Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb). **Resources:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *Be able to **apply** their knowledge of cell biology to real-world scenarios, such as understanding how cells contribute to the functioning of tissues, organs, and organ systems in multicellular organisms, or discussing the impact of cellular abnormalities on human health (e.g., cancer, genetic disorders)**(critical thinking and roblem-solving)** *Reinforce understanding of cell structure and organelles by visualizing and constructing models. *Develop **microscopy skills**, observe cell morphology, and compare plant and animal cells. *Be able to differentiate between prokaryotic and eukaryotic cells, understanding their structural and functional differences, and identifying examples of each type of cell. **(Analysing)**	NCERT back exercise questions. MCQ Assignment Oral test

Chapter 9: Cell cycle and cell division *Cell cycle *Phases of cell cycle *Mitosis *Meiosis	Students will be able to *Identify and describe the phases of the cell cycle (interphase, mitotic phase) and their associated events (DNA replication, cell growth, chromosome condensation). *Differentiate between mitosis and meiosis in terms of purpose, stages, and outcomes (formation of somatic cells in mitosis vs. gametes in meiosis). *Explain the importance of cell division in growth, tissue repair, and asexual reproduction in single-celled organisms.	Students will be able to: *Apply knowledge of the cell cycle and cell division to analyze examples of cell proliferation disorders (e.g., cancer) and potential therapeutic strategies *Draw labeled diagrams, flow charts and concept maps	**Activity:** **Lab Activity** *Students will create 3D models or diagrams of mitosis and meiosis using craft materials or digital design tools.. *Spotting:Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides. **Resources:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *Differentiate between mitosis and meiosis in terms of purpose, cell types involved, and outcomes.(meiosis I and meiosis II) and explain the events that occur in each stage. *Be understanding Cell Division Significance **(Analysing, Creating, Comprehend)** *Explain the significance of cell division in growth, development, tissue repair, and asexual reproduction. *Describe the differences between somatic cell division (mitosis) and germ cell division (meiosis) in terms of genetic variation and gamete formation.**(comprehension)** ***Analyzing** Cell Cycle Regulation ***Applying** Knowledge to Real-World *Identify the stages of mitosis (prophase, metaphase, anaphase, telophase) and meiosis **(analysing)** ***collaborative and communication skills** through the activities conducted	NCERT back exercise questions. MCQ Assignment Oral test
Chapter 2: Biological Classification Topic: *Two Kingdom Classification *Five kngdom Classification *Kigdom Monera *Kngdom Protista *Kingdom Fungi *Kingdom Plantae *Kingdom Animali *Viruses, Viroids and Lichens	Studenst will : *be able to explain the hierarchical classification system, including the levels of classification (e. g., kingdom, phylum, class, order, family, genus, species), and the criteria used for classification (morphological, anatomical, physiological, genetic). *understand the concept of the Two Kingdom Classification proposed by Linnaeus and Five Kingdom Classification system proposed by R. H. Whittaker, including the characteristics and examples of organisms in each kingdom (Monera, Protista, Fungi, Plantae, Animalia). *be able to describe the distinguishing characteristics of major kingdoms, such as the presence of cell walls in plants and fungi, the mode of nutrition in different groups (autotrophs, heterotrophs), and the diversity of organisms within each kingdom. *Gain knowledge of the classification and subgroups under Monera, Protista and Fungi *be able to differentiate between Viruses, Viroids and Prions	Students will: *be able to provide examples of organisms from each kingdom and describe their characteristic features, such as cell wall composition, presence of chloroplasts, motility, and specialized structures. *able to apply the principles of classification (such as morphology, anatomy, physiology, and molecular characteristics) to classify organisms into appropriate taxonomic categories. *able to analyze the ecological relationships between different taxa and understand how classification helps in studying ecological interactions and conservation strategies.	**Activity:** *concept map of five kngdom classification on paper mentioning key words for each group **Resources:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will : *be able to critically assess taxonomic changes, such as reclassifications based on new genetic information, and understand the implications for scientific understanding and communication. **(Critical thinking)** *be able to evaluate the economic importance of different taxa, including their contributions to agriculture, medicine, industry, and ecosystem services, using classification data.**(evaluating)**	NCERT back exercise questions. MCQ Assignment Oral test

Chapter 4:Animal Kingdom Topic: *basis of classification *Levels of Organisation *Symmetry *Diploblastic and Trioploblastic *Coelom *Segmentation *Notochord *Classification of Animals	Students will: *be able to undertstand different levels of body organisation *be able to classify animals into major phyla based on their characteristic features and understand the evolutionary relationships among these phyla. *Classify animals into major phyla based on characteristic features such as body symmetry, presence of body cavity, segmentation, and other morphological traits. *Describe the diversity of animal life, including examples of organisms from each major phylum and their key characteristics. *define a vertebrate as an organism that possesses a backbone, *recall that organisms belonging to the chordata phylum will possess a notochord, *state the classes included in the chordate phylum and vertebrate subphylum as Amphibia, Reptilia, Aves, Mammalia, Agnatha, Chondrichthyes, and Osteichthyes, *give some defining characteristics of each of these classes and classify given organisms into these classes,	Students will : *Apply knowledge of animal classification and diversity in practical contexts, such as in ecological studies, conservation efforts, and biotechnological research involving animal species. *nurture natural curiosity, aesthetic sense, and creativity in biological processes and phenomena. *Develop scientific temper	**Activity:** **Lab Activity** *Spotting:Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit. **Resources:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *Analyze the adaptations of animals to their environments, including their modes of nutrition, reproduction, locomotion, and sensory capabilities. **(analysing)** *Evaluate the ecological roles of different animal groups and their contributions to ecosystem dynamics and functioning. **(evaluating)** *Apply knowledge of animal classification and diversity in practical contexts, such as in ecological studies, conservation efforts, and biotechnological research involving animal species. **(critical thinking, applying)** ***collaborative,observational and communication skills** through the activities conducted	NCERT back exercise questions. MCQ Assignment Oral test
Chapter 3:Plant Kingdom Topic: *Algae *Bryophytes *Pteridophytes *Gymnosperms	Students will: *be able to classify plants into major groups based on characteristics such as presence or absence of vascular tissue, seeds, flowers, and fruits. * understand the characteristics and life cycle of bryophytes (mosses, liverworts, hornworts) and their adaptations to terrestrial habitats. describe the features and reproduction of pteridophytes (ferns, horsetails, club mosses) and their evolutionary significance as vascular plants. *understand the unique characteristics of gymnosperms, such as naked seeds, cone structures, and adaptations for pollination and seed dispersal.	Students will be able: *to appreciate the role of plants in ecosystem functioning, conservation of biodiversity, carbon sequestration, and combating climate change. *Compare and contrast plants with other kingdoms (e.g., fungi, protists, animals) in terms of cellular structure, nutrition, reproduction, and ecological roles. * develop skills in observing and identifying plant specimens *nurture natural curiosity, aesthetic sense, and creativity in biological processes and phenomena.	**Activity:** **Lab Activity** *Spotting:Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonousplant, one dicotyledonous plant and one lichen. **Resources:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will be able to: *Understand the classification of algae into major groups such as Chlorophyta (green algae), Phaeophyta (brown algae), and Rhodophyta (red algae), based on pigments, cell structure, and habitat. *Understand the life cycle of algae, including alternation of generations in certain groups, and variations in asexual and sexual reproduction strategies. * Identify the morphological features of bryophytes, pteridophytes and gymnosperms **(analysing)** *Explain the life cycle of gymnosperms, including the dominant sporophyte phase, cone development, gametophyte formation from spores, and seed germination. **(comprehend)** *to identify spirogyra, moss, ferm etc through specimens/slides/modules **(analysing)** ***collaborative,observational and communication skills** through the activities conducted	NCERT back exercise questions. MCQ Assignment Oral test

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter 5: Morphology of Flowering plants Topics: *The Root *The Stem *The Leaf *The Inflorescence *The Flower *The Fruit *The Seed *Semi-technical description of Typical Flowering plant *Description of family Solanaceae	Students will: *be able to identify and label different parts of a flowering plant, including roots, stems, leaves, flowers, fruits, and seeds. *reveal the diversity among flowers in terms of calyx, corolla,gynoecium, placentation *will recall the terminology associated with calyx, corolla,androecium, gynoecium. *differentiate between given flower on basis of their floral structures *understand and explore role of different whorls of flower in their daily life *explore relationship of gynoecium and other floral structure in different flowers *understand the arrangement of whorls in flower, placentation *describe the flower in technical terms. *write floral formula of any flower *can classify the flower on basis of their floral designs and can assign it's family	Students will : *Be able to draw structure of positions of different floral parts on thalamus, types of aestivation and types of placentation *able to draw and compare the structure of monocot and dicot seeds *Apply knowledge of plant morphology in practical contexts, such as plant identification, understanding plant growth requirements, and designing experiments related to plant biology	**Activity:** **Lab Activity** *Study and describe locally available common flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound). *Different types of inflorescence (cymose and racemose). **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *Identify and label the different parts of a flowering plant, including roots, stems, leaves, flowers, fruits, and seeds.**(critical thinking)** *Describe the structure and function of each plant part, including adaptations for photosynthesis, support, nutrient uptake, and reproduction.**(evaluating)** *Analyze the structure and function of flowers, fruits, and seeds **(analyzing)** *Apply knowledge of plant morphology in practical contexts, such as plant identification, understanding plant growth requirements, and designing experiments related to plant biology. **(applying)** ***collaborative,observational and communication skills** through the activities conducted	NCERT back exercise questions. MCQ Assignment Group Discussion
Chapter 6:Anatomy of flowering plants Topic: *The tissue system *Anatomy of Dicotyledonous and Monocotyledonous Plants	Students will : *be able to identify and describe the characteristics of epidermal tissue in plants, including its location, structure, and functions. understand the protective functions of the epidermal tissue, such as preventing water loss, regulating gas exchange, and providing a physical barrier against pathogens and environmental stresses. *be able to describe the structure and functions of trichomes, specialized epidermal cells that can aid in reducing water loss, deterring herbivores, and trapping moisture and nutrients. *Explain the functions of ground tissue, such as storage of nutrients, support, and photosynthesis. *be able to differentiate between anatomy of monocot and dicot root , stem and leaf	Students will: * be able to apply their knowledge of the epidermal tissue system in practical activities, such as microscopy, experimental design to study stomatal behavior, and analyzing plant adaptations in different ecosystems. *Identify and describe the components of the ground tissue system, including parenchyma, collenchyma, and sclerenchyma cells.	**Activity:** **Lab activity** *Study of distribution of stomata on the upper and lower surfaces of leaves. **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will : *be able to identify and differentiate between dicot and monocot plants based on anatomical features.**(analysing)** *understand and compare the organization of tissues in dicot and monocot plants, including the arrangement of vascular bundles (collateral vs. scattered), presence or absence of cambium, and types of ground tissues. **(comprehend, creating)** ***collaborative,observational and microscopy skills** through the activities conducted	NCERT back exercise questions. MCQ Assignment Group Discussion

Chapter 7:Structural organisation in Animals Topic: *Organ and Organ System *Morphology and anatomy of Frog	Students will: *be able to identify and describe the external morphological features of a frog, including body shape, skin characteristics, limbs, eyes, nostrils, tympanum, and mouthparts. *understand the internal anatomy of a frog, including the digestive system (mouth, esophagus, stomach, intestines), respiratory system (lungs and skin), circulatory system (heart and blood vessels), excretory system (kidneys and urinary bladder), and reproductive system.	Students will *analyze the respiratory adaptations of frogs, including cutaneous respiration through the skin and buccal respiration using the floor of the mouth, and relate these adaptations to their aquatic and terrestrial lifestyles. *draw and compare the diagrams of male and female reproductive syatem of frog * digrammatic representation of internal organs of frog showing complete digestive system	**Activity:** **Lab Activity** *Study of external morphology of Frog through museum specimen/virtual images/models. **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *analyze the functional adaptations of frog anatomy to their ecological niche, such as their ability to jump (limb structure), catch prey (tongue and teeth), and survive in aquatic and terrestrial environments. **(analysis)** *Students will understand the reproductive anatomy of frogs, including the differences between male and female frogs' reproductive organs, the process of external fertilization, and the development of tadpoles into adult frogs. **(Critical thinking, analysing)**	NCERT back exercise questions. MCQ Assignment Group Discussion
Chapter 9 :Biomolecules Topic *How to analyse Chemical composition *Primary and secondary Metabolites *Biomacromolecules *Proteins *Polysachharides *Nucleic Acid *Structures of Proteins *Enzymes	Students will be able to: *understand that biological macromolecules like cellulose, proteins and DNA are polymers made of monomers with distinct chemical properties *describe the formation and breakage of a glycosidic bond with reference both to polysaccharides and to disaccharides including sucrose *describe the molecular structure of polysaccharides including starch (amylose and amylopectin), glycogen and cellulose and relate these structures to their functions in living organisms *describe the structure of an amino acid and the formation and breakage of a peptide bond *explain the meaning of the terms primary structure, secondary structure, tertiary structure and quaternary structure of proteins and describe the types of bonding (hydrogen, ionic, disulfide and hydrophobic interactions) that hold the molecule in shape *describe the molecular structure of haemoglobin as an example of a globular protein, and of collagen as an example of a fibrous protein and relate these structures to their functions (the importance of iron in the haemoglobin molecule should be emphasised.	Student will be able to: *Draws diagrammatic representation of small molecular weight organic compounds in living tissues and concept maps * use the knowledge gained in this section in new situations or to solve related problems.	**Activity:** **Lab Activity:** Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials. **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will : *be able to identify and classify major biomolecules such as carbohydrates, lipids, proteins, nucleic acids, and their subunits (monomers) based on their chemical structures and functions. **(comprehension)** ***analyze** biochemical reactions involving biomolecules, such as hydrolysis, condensation (dehydration synthesis), oxidation-reduction (redox) reactions, and understand their importance in cellular metabolism and energy transfer. ***evaluate** the biological significance of biomolecules in living organisms, including their roles in metabolism, growth, development, genetic inheritance, immunity, and disease processes. ***collaborative and research skills** through the activities conducted	NCERT back exercise questions. MCQ Assignment NCERT Exemplar questions Draw and practice the structures of various biomolecules

Chapter 14 : Breathing and exchange of gases Topic: *Respiratory organs *Mechanism of Breathing *Exchange of Gases *Transport of gases *Regulation of respiration *Disorders of Respiratory System	Students will: *familiarize with different Respiratory organs *be able to identify and describe the structures involved in the Human respiratory system, including the nose, pharynx, larynx, trachea, bronchi, bronchioles, and alveoli. *understand the process of breathing, including inspiration (inhalation) and expiration (exhalation), and the role of the diaphragm and intercostal muscles in creating changes in thoracic volume. *Describe the process of gas exchange in the alveoli, including diffusion of oxygen from alveolar air into the bloodstream and diffusion of carbon dioxide from the bloodstream into alveolar air. *explain the transport of oxygen and carbon dioxide in the blood, including their binding to hemoglobin, formation of oxyhemoglobin and carbaminohemoglobin, and factors affecting oxygen-hemoglobin dissociation curve. *be able to calculate and interpret respiratory volumes and capacities, such as tidal volume, inspiratory reserve volume, expiratory reserve volume, and vital capacity, and understand their significance in respiratory physiology.	Students will: *analyze common respiratory disorders such as asthma, chronic obstructive pulmonary disease (COPD), pneumonia, and understand their causes, symptoms, diagnostic methods, and treatment options. *explore the impact of environmental factors, such as air pollution, smoking, occupational hazards, and climate change, on respiratory health	**Activity:** Class quiz **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *Learn about the mechanism of respiration and different parts responsible for the respiratory system. *will apply their knowledge of breathing and gas exchange in practical contexts. **(applying)** *analyze common respiratory disorders such as asthma, chronic obstructive pulmonary disease (COPD), pneumonia, and understand their causes, symptoms, diagnostic methods, and treatment options.**(analyze, critical thinking)** ***collaborative and communication skills** through the activities conducted	NCERT back exercise questions. MCQ Assignment NCERT Exemplar questions Draw and practice the structures of various diagrans given in the chapter
Chapter 15: Body fluids and circulation Topic: *Blood *Lymph (Tissue Fluid) *Circulatory Pathways *Double circulation *Regulation of Cardiac Activity Disorders of circulatory system	Students will: *be able to describe the components of blood *understand the concept of circulation, including the systemic circulation (from heart to body tissues and back) and pulmonary circulation (between heart and lungs), and the role of blood vessels (arteries, veins, capillaries) in transporting blood. *identify and describe the structures of the cardiovascular system, including the heart (chambers, valves, conduction system), blood vessels (types, layers), and lymphatic system (lymph nodes, vessels). *explain the cardiac cycle, including systole (contraction) and diastole (relaxation) phases of the heart, and how heart rate, stroke volume, and cardiac output are regulated. *know about blood groups	Students will : Students wil: *be able to analyze clinical data, such as blood pressure readings, heart rate variability, blood glucose levels, and lipid profiles, to assess cardiovascular health and identify potential risk factors for cardiovascular diseases. *develop strategies for managing common cardiovascular disorders, such as hypertension, heart failure, atherosclerosis, and thrombosis *Connect biological concepts to real life problems and develop innovative problem-solving abilities to solve problems related to life situations through understanding of biological concepts.	**Activity:** *Counting the pulse in one minute and recording the observation **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aidan	Students will *Understand about different components of bloods *learn to identify ABO antigens (A, B, AB, O) and Rh antigens (RhD, RhD-) on red blood cells, and understand the presence of corresponding antibodies in plasma (anti-A, anti-B**) (analysing)** *analyze blood compatibility for transfusions based on blood group antigens and antibodies *develop strategies for managing common cardiovascular disorders, such as hypertension, heart failure, atherosclerosis, and thrombosis, by understanding pathophysiology, lifestyle modifications, medication adherence, and monitoring technique. **(critical thinking)**	NCERT back exercise questions. MCQ Concept map Assignment Draw and practice the diagrams realted to the chapter

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter 16: Excretory products and their elimination Topic: *Human Excretory system *Urine formation *Function of tubules *Mechanism of concentration of Filtrate *regulation of Kidney function *Micturition *Role of other organs in excretion *disorders od excretory system	Students will be able to: *Describe the structure and function of the human excretory system, including the kidneys, ureters, bladder, and urethra. *Explain the process of urine formation, including filtration, reabsorption, and secretion in the nephrons. *Identify the role of the renal tubules, collecting ducts, and loop of Henle in urine concentration and dilution. *Discuss the regulation of kidney function by hormones such as antidiuretic hormone (ADH) and aldosterone. *Discuss the excretory systems of other organisms, such as amoeba, earthworm, and cockroach, and compare them with human excretion mechanisms.	Students will be able to: *Analyze common disorders of the excretory system, such as kidney stones, urinary tract infections, and renal failure. *Explore the mechanisms of water and electrolyte balance in the body, including osmoregulation and the role of the kidneys in maintaining fluid balance. *Evaluate the impact of lifestyle factors, diet, and hydration on kidney health and overall excretory function. * Draw the diagrams of human excretory system, longitudinal section of kidney, digrammatic representation of a nephron and counter current mechanism. *Apply knowledge of excretory processes to understand the importance of maintaining a healthy lifestyle and proper hydration levels for optimal excretory function.	**Activity:** *discussion on ethical issues related to kidney health and organ donation **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *Understand and explain the structure and function of the human excretory system *Explain the process of urine formation in the nephrons, including filtration, reabsorption, and secretion.(**understanding)** *__Analyze__ common disorders of the human excretory system, such as kidney stones, urinary tract infections, and renal failure, and their impact on health. *__Evaluate__ the importance of maintaining kidney health through proper hydration, diet, and lifestyle choices. *__Compare and contrast__ the excretory systems of other organisms with that of humans, highlighting similarities and differences. *__Apply__ knowledge of the human excretory system to understand the consequences of kidney dysfunction and the importance of medical interventions such as dialysis or kidney transplantation. *Engage in discussions about ethical considerations related to organ donation and the implications for individuals with kidney diseases.**(critical thinking)**	NCERT back exercise questions. MCQ Assignment Draw and practice the diagramsin the chapter
Chapter 17: Locomotion and Movement Topics: *Types of Movement *Muscle *Skeletal System *Joints *Disorders of Muscular and Skeletal System	Students will: *Describe the types of movements exhibited by living organisms, including locomotion, muscle contraction, and joint movements. *know about types of muscle based on their location *Explain the structure and function of skeletal muscles *Discuss the process of muscle contraction, including the role of calcium ions, actin, myosin, and ATP in the sliding filament theory. *Develop understanding of Human Skeletal system.	Students will: *Identify the different types of joints in the human body and describe their range of motion and flexibility. *Analyze the coordination of muscular and skeletal systems in producing voluntary and involuntary movements. *Examine common musculoskeletal disorders and injuries, such as sprains, strains, fractures, and arthritis, and discuss their prevention and management. *Evaluate the impact of physical activity, exercise, and sports on musculoskeletal health and overall well-being. *Apply knowledge of in day today life. *develop scientific temper with respect to biological phenomena (objectivity, critical thinking, creative skills, freedom from fear and prejudice, etc.).	**Activity:** **Lab Activity** *Spotting:Human skeleton and different types of joints with the help of virtual images/models only. **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will be able: *Identify and differentiate between skeletal muscles (voluntary), smooth muscles (involuntary), and cardiac muscles (involuntary), including their locations, functions, and characteristics. **(analysing)** *Discuss common muscle disorders and conditions such as muscular dystrophy, myasthenia gravis, muscle strains, cramps, and atrophy, including their causes, symptoms, treatments, and impact on daily activities.**(comprehend)** * Identify different types of joints. **(analysing)** *Classify joints based on their structure (fibrous, cartilaginous, synovial) and function (immovable, slightly movable, freely movable), and describe the characteristics of each type.**(applying)**	NCERT back exercise questions. MCQ Assignment

Chapter 18:Neural control and Coordination Topics: *Neural System *Human Neural System *Neuron as Structural and Functional Unit of Neural System *Central Neural System	Students will: *Understand the structure and function of the nervous system, including neurons and their types. *Explain the mechanism of generation and conduction of nerve impulses. *Describe the structure and function of the human brain, including different regions and their roles. *Explore the concept of reflex actions and their significance in the nervous system. *Discuss the disorders related to the nervous system and their impact on human health.	Students will: *Analyze the role of neurotransmitters in synaptic transmission. *Investigate the coordination between the nervous system and endocrine system for maintaining homeostasis. *Evaluate the role of sensory organs in detecting stimuli and transmitting information to the brain. *Illustrate the concept of voluntary and involuntary movements controlled by the nervous system. *Apply knowledge of neural control and coordination to real-life situations, such as understanding drug effects on the nervous system or the impact of injuries on neural function.	**Activity:** *concept map of parts of nervous sytem **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *Describe the components and functions of the central nervous system, including the brain and spinal cord, and their roles in sensory perception, motor control, cognition, and coordination of bodily functions. **(comprehensive)** *be able to draw the structure of a neuron and explain the mechanism of generation and conduction of nerve impulse. **(applying and problem solving)** *Identify the major regions of the brain (cerebrum, cerebellum, brainstem, and diencephalon) and understand their functions. **(applying)** *collaborative and **communication skills** through the activities conducted	NCERT back exercise questions. MCQ Assignment NCERT Exemplar questions Draw and practice the diagrams of the chapter
MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter 19 :Chemical Coordination and integration Topics: *Endocrine Glands and Hormones *Human Endocrine System *Hormones of Heart, Kidney and Gastrointestinal Tract *Mechanism of Hormone Action	Students will: *Describe the endocrine glands and their functions, such as the pituitary gland, thyroid gland, adrenal glands, pancreas, and gonads. *Analyze the feedback mechanisms that regulate hormone secretion and their importance in controlling hormonal balance. *Explore the functions of major hormones such as insulin, glucagon, adrenaline, cortisol, growth hormone, thyroid hormones, and sex hormones. *Investigate the role of hormones in growth, development, and reproduction processes in humans and other organisms. *Discuss the disorders related to hormonal imbalances, such as diabetes mellitus, hypothyroidism, hyperthyroidism, and adrenal insufficiency.	Students will: *Draws labeled diagrams, flow charts, tables, etc. *Apply knowledge of chemical coordination to understand the effects of drugs and hormonal therapies on physiological processes. *Demonstrate the significance of hormonal regulation in adapting to environmental changes, stress, and maintaining health and well-being. *Plans and conducts investigations and experiments to arrive at and verify the facts, principles, phenomena, or to seek answers to queries on their own	**Activity:** *Making of Placards of each gland and their role **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *be able to describe the role of hormones in the body, including their chemical nature, production, and transport through the bloodstream.**(comprehend)** *be able to identify and explain the functions of major endocrine glands and organs such as the pituitary gland, thyroid gland, adrenal glands, pancreas, gonads, and hypothalamus. **(identifying and evaluating)** *understand the feedback mechanisms that regulate hormone secretion, including negative feedback loops that maintain hormonal balance. *be able to recognize and describe common endocrine disorders such as diabetes mellitus, hypothyroidism, hyperthyroidism, Addison's disease, Cushing's syndrome, and hormonal imbalances related to reproductive health. **(critical thinkikng)** ***creativity skills** through the activities **conducted**	NCERT back exercise questions. MCQ Assignment Draw and practice the diagrams realted to the chapter quiz

Chapter 11: **Photosynthesis in higher plants** Topics: *Where does Photosynthesis take place? *How many Pigments are involved in Photosynthesis? *What is Light Reaction? *The Electron Transport * Where are the ATP and NADPH Used? *The C4 Pathway *Photorespiration *Factors affecting Photosynthesis	Students will be *Understand the process of photosynthesis, including the role of chloroplasts, pigments, and light energy in converting carbon dioxide and water into glucose and oxygen. *Explain the significance of photosynthesis in providing energy for plants and ultimately for all living organisms in the food chain. *Describe the structure and function of chloroplasts, including the organization of thylakoids and the role of photosystems in light-dependent reactions. *Discuss the importance of photosynthesis in maintaining oxygen levels in the atmosphere and mitigating climate change.	Students will: *Analyze the factors affecting the rate of photosynthesis, such as light intensity, temperature, and carbon dioxide concentration. *Explore the concept of photosynthetic pigments and their absorption spectra in capturing light energy. *Investigate the process of carbon fixation, including the Calvin cycle and the role of enzymes such as RuBisCO. *Plans and conducts investigations and experiments to arrive at and verify the facts, principles, phenomena, or to seek answers to queries on their own	**Activity:** **Lab activity** *Separation of plant pigments through paper chromatography **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid leaves from school garden	Students will: *understand the process of the light reaction in photosynthesis, including the absorption of light energy by chlorophyll, the splitting of water molecules, and the generation of ATP and NADPH.**(comprehension)** *Describe the electron transport chain in the thylakoid membrane, where electrons flow from photosystem II (PSII) to photosystem I (PSI) through a series of electron carriers(z-scheme of light reaction). *Explain how ATP and NADPH generated in the light reaction are used in the Calvin cycle (dark reactions). *be able to separate different plant pigmemnts through paper chromatography **(laboratory skills, creativity and collaboartion)** *be able to **analyze** how plants adapt their photosynthetic processes to different environmental conditions such as high light intensity, low CO2 levels, water scarcity, and high temperatures	NCERT back exercise questions. MCQ Concept map Assignment Draw and practice the diagrams realted to the chapter
Chapter 12:Respiration in plants Topics: *Do Plants Breathe? *Glycolysis *Fermentation *Aerobic Respiration *The Respiratory Balance Sheet *Amphibolic Pathway *Respiratory Quotient	Students will be able : *Understand the process of respiration in plants, including the different stages such as glycolysis, Krebs cycle, and oxidative phosphorylation. *Explain the role of mitochondria in cellular respiration and the production of ATP. *Describe the differences between aerobic and anaerobic respiration in plants and their significance. *Explore the factors affecting the rate of respiration in plants, such as temperature, oxygen availability, and the presence of inhibitors.	Students will be able to : *Investigate the metabolic pathways involved in the breakdown of carbohydrates, fats, and proteins during respiration(Amphibolic Pathways) *Discuss the importance of respiration in providing energy for plant growth, maintenance, and metabolic processes. *Apply knowledge of plant respiration to understand processes like fermentation, ethylene production, and respiratory quotient. *Demonstrate the interdependence of photosynthesis and respiration in plant metabolism and ecosystem dynamics. *Draw the steps of Glycolysis in the form of a flow chart.	**Activity:** **Lab Activity** Study of the rate of respiration in flower buds/leaf tissue and germinating seeds **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will : *Describe how plants produce ATP through cellular respiration, utilizing glucose and other organic molecules as substrates to generate energy for cellular processes. **(comprehensive, Evaluating)** *Differentiate between aerobic respiration (in the presence of oxygen) and anaerobic respiration (in the absence of oxygen), including the energy yield and end products of each process.**(analysing, problem solving)** *Understand the steps of the citric acid cycle in plants, including the generation of NADH, FADH2, and ATP, and the role of citrate, isocitrate, alpha-ketoglutarate, succinate, and oxaloacetate. *experimentally study the rate of respiration in flower buds/leaf tissue and germinating seeds**(Laboratory skills, collaboaration, creativity)**	NCERT back exercise questions. MCQ Assignment Draw and practice the diagrams,flow chart and cycles realted to the chapter

Chapter 13: Plant Growth and development Topics: *Growth *Differentiation, Dedifferentiation and Redifferentiation *Development *Plant Growth Regulators	Students will: *be able to describe the phases of plant growth, including germination, vegetative growth, reproductive growth, and senescence, and understand the key events and processes occurring during each phase. *understand different growth rates *learn about dedifferentiation, where specialized cells revert to a less specialized state (e.g., formation of callus tissue), and redifferentiation, where dedifferentiated cells regain specialized functions (e.g., regeneration of roots or shoots), and their significance in plant regeneration, tissue culture, and vegetative propagation. *explore the role of plant growth hormones (auxins, gibberellins, cytokinins, abscisic acid, ethylene) in regulating cell division, elongation, differentiation, and tissue development, and understand how hormone balance influences growth responses.	Students will: *be able to draw diagrammatic representation of Airthmetic and geometric growth * Widen skills to illustrate linkages of elementary aspects of biology with complex phenomena. *develop ability to acquire and use the methods and processes of science, such as observing,questioning, planning investigations, hypothesising, collecting, analysing and interpreting data, communicating explanations with evidences, justifying explanations, thinking critically to consider and evaluate alternative explanation, etc., in the biological perspectives.	**Activity:** class quiz **Resource:** NCERT text book of Biology Biology Lab Material Chalk Board Audio Visual aid	Students will: *be able to describe the different stages of plant growth, including germination, seedling establishment, vegetative growth, flowering, fruiting, and senescence.**(remembring)** ***analyze** plant growth responses to biotic factors (e.g., pathogens, symbiotic relationships) and abiotic factors (e.g., drought, salinity, pollution), including adaptive strategies and physiological mechanisms for stress tolerance. *explore the role of plant growth regulators (hormones).**(curiosity)**	NCERT back exercise questions. MCQ Assignment

Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : ECONOMICS

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	APPLICATION BASED			
BOOK-2 **MICRO ECONOMICS** Chapter -1 Introduction • A simple economy • Micro & Macro economics • Positive & normative economics • Central problems of an economy • PPC	• The students will be able to understand the meaning of economy, • The students will know the terms micro & macro economics & their difference. • They will be able to identify difference between positive & normative economics • The Students will elaborate with solutions the central problems of economy, what to, how & for whom to produce, allocation of resources & growing the resources dealing with them. • They will be able to identify PPC and various diagrams of PPC. Opportunity cost	• Understanding some basic concepts & development of economic reasoning which the learners can apply in their day today life as citizens, consumers & workers. • Realization of learners role in nation building& sensitivity to the economic issues that the nation is facing today. • Equipments with basic tools of economics to analyse economic issues. This is pertinent freven those who may not peruse this course beyond senior secondary stage	**Activities**: • Lecture • Class Discussion • Real life Examples **Resources**: • Text Book • Green Board • Smart Board	• Development of economic reasoning which the learners can apply in their day today life as citizens, consumers & workers.	• Oral Assessment • Assignment • Observation • Class Participation • Test
UNIT -2 :Consumer Equilibrium and Demand • Analysis Utility • Theory of consumer behaviour • The consumer's budget • Preferences of the consumers	• The Students will be able to learn the concept of MU and TU Consumer's equilibrium one & two commodity. • The students will be able to explain & present consumer's budget using budget set, budget line & changes in budget set. • The students will learn preferences by studying monotonic preferences, substitution between goods, Diminishing rate of substitution, indifference curve , it' s shape & indifference map, utility, optimal choice	• Decision making skill and thinking skill. • Relate the topic with real world example • Manage their limited income to fulfill their priorities and maximum satisfaction. • Economic values will inculcate. Optimum utilization of resources- related to income here	**Activities**: • Lecture • Class Discussion • Real life Examples **Resources**: • Text Book • Green Board • Smart Board	• Analyse the difference between cardinal and ordinal utility • Determine the equilibrium of the consumer on the basis of the cardinal utility theory • Explain the concepts of indifference curve and the budget line • Derive the equilibrium of the consumer using these above two concepts andindicate the price effect and split it up into substitution effect and income effect • Clear with the concept of budget line and changes in budget line. • Concept of equi-marginal will be clear.	• Oral Assessment • Assignment • Observation • Class Participation • Test

BOOK -1 Statistics Unit -1 Introduction • Meaning of statistic • Plural sense and singular sense • Function of statistics • Limitation of Economics , Importance of statistic economics	Students will be able to understand the concept of statistic in plural and singular sense ,fuction of statistic , Importance of statistic in Economics ,Limitaion of Economics	• Decision making skill and thinking skill. • Relate the topic with real world example	**Activities:** • Lecture • Class Discussion • Real life Examples **Resources**: • Text Book • Green Board • Smart Board	• Concept of statistic in both sense . • Explain Function of statistic • Importance of statistic in Economics • Limitaion of Economics	• Oral Assessment • Assignment • Observation • Class Participation • Test
Unit -2 Collection , organization and Presenation of data . Chpater 2- Collection of data • Sources of collecting data • Methods of collecting Primary and secondary sources of data • Qualities of good questionnaire,pilot survey • Census and random sampling • Method of random sampling • Short note on Census • NSSO	• Student will able to understand the concept of collection of data and what are the various method of collecting data . •They will differentiate between census and random sampling ,and method of random sampling . • Short Notes on NSSO and census	• Problem solving skill • Decison making skills and Thinking skills	**Activities:** • Lecture • Class Discussion • Real life Examples **Resources:** • Text Book • Green Board • Smart Board	Students understand the concept of collection of data , Sources of data , Method of collecting primary and secondary source of data , Short notes on NSSO , Census .	• Oral Assessment • Assignment • Observation • Class Participation • Test
Measure of central tendency : Mean	Student will understand the concept of Mean, Numericals .	• Problem solving skill • Decison making skills and Thinking skills • Analytical	**Activities:** • Lecture • Class Discussion • Real life Examples **Resources:** • Text Book • Green Board	Student will understand the concept of mean , merits and demerits of mean , Numericals of Mean	• Oral Assessment • Assignment • Observation • Class Participation • Test

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
BOOK -2 Micro Economics Unit -2 Chapter -3 Demand and Elasticity of Demand	• The students will learn the concept of demand, Law of demand, Factors affecting law of demand Normal & inferior goods, substitute & complimentary goods, shiftin demand curve, Movement along demand curve. Why does demand curve slope downward? • The students will learn the concept of elasticity of demand, types of elasticity, Factors affecting elasticity of demand, sums of elasticity of demand	• Decision making skill • Relate the topic with real world examples. • Understand the market conditions. • Inculcate economic values. • Optimum utilization of resources- (here) related to income. • Critical thinking skill. • Curiosity and imagination.	**Activities**: • Lecture • Class Discussion • Real life Examples **Resources**: • Text Book • Green Board • Smart Board	• Appreciate the difference between Normal and inferior goods. • Explain the concepts of law of demand and exceptions to law of demand. • Clear with the concept of downward sloping of demand curve. • Concept of Substitute goods and complementary goods will be clear. • Clear with the concept of effect of increase or decrease in price on demand. • Learn how price effects demand • Understand the factors that determines whether the elasticity of demand is elastic or inelastic • Learn to compare the elasticity of different goods. • Learn different methods of calculating elasticity of demand • Learn to calculate price elasticity of different goods	• Oral Assessment • Assignment • Observation • Class Participation • Test

BOOK-1 **Chapter -3** Organisation of Data : Meaning of organisation Classification of Data Types of series **Chapter -4/5** **Diagrammatic and Graphical presentation of data** Bar diagram, Multiple bar diagram, subdivided bar diagram, Deviation bar diagram, Percentage bar diagram Pie chart ,Histogram, frequancy polygon , Less than and more than ogive	• The stsudent will understand the meaning of organisation of data , Classification of data,how to do numericals of different series . • The students will able to make all the diagrams and graphs .	• Decision making skill • Relate the topic with real world examples. • Understand the market conditions. • Inculcate economic values.	**Activities**: • Lecture • Class Discussion • Real life Examples • Numericals **Resources**: • Text Book • Green Board • Smart Board	Students understand the following concepts : • Meaning of organisation • Meaning of Classification • Series of classification • Types of statistical series . • Different Diagrammatic and graphical data	• Oral Assessment • Assignment • Observation • Class Participation •Test
Measure of central tendency : Mean/Median /Mode	Student will understand the concept of Mean,median , mode , and thier, Numericals .	1.Problem solving skill 2. Decison making skills and Thinking skills 3. Analytical	**Activities**: • Lecture • Class Discussion • Real life Examples • Numericals **Resources**: • Text Book • Green Board • Smart Board	Students able to solve numerical of different series	• Oral Assessment • Assignment • Observation • Class Participation • Test

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Unit -3 Producer behaviour and supply Chapter -9 supply and elasticity of supply	The students will be able to understand the supply, law of supply, factors affecting law of supply, Shift in supply & moment along supply curve, difference, price elasticity, methods, sums.	• Problem solving skill • Relatedness • Interdependency • Being Futuristic. • Decision making •.Analytical skill	**Activities**: • Lecture • Class Discussion •Real life Examples • Numericals **Resources**: • Text Book • Green Board • Smart Board	• Supply and supply curve in relation to price • Determinants of supply curve. • Extension and contraction of supply. • Elasticity of supply and its factor affecting supply • And able to solve numerical questions based on it	• Oral Assessment • Assignment • Observation • Class Participation • Test
Chapter -5 Production Function Meaning Fixed and variable factors , short term and Long term production function ,Law of variable proportion ,Reason of all the phases	• The students will be able to know Meaning, short run, long run,, difference between them, concept of product, law of variable proportions,diminishing returns, relation between TP & MP, relation between MP & AP	• Critical Thinkingskills • Understand prevailing market conditions • Problem solving • Change ability • Budgeting	**Activities**: • Lecture • Class Discussion • Real life Examples • Numericals **Resources**: • Text Book • Green Board • Smart Board	• Meaning of production function Fixed and variable factors • Short run and Long run production • Law of variable proprtion . • Reasons of LVP	• Oral Assessment • Assignment • Observation • Class Participation Test
Chapter-6 Cost Chapter -7 Revenue Chapter -8 Producer Equilibrium	The students will be able to understand meaning, short run costs, Average costs, Marginal cost, relationships between short run costs. Sums The students will be able to understand meaning, TR, AR, MR, relationship between them.	• Critical Thinkingskills • Understand prevailing market conditions • Problem solving • Change ability	**Activities**: • Lecture • Class Discussion • Real life Examples • Numericals **Resources**: • Text Book • Green Board • Smart Board	• Student will understand the the different types of cost ,their shapes and reason behind that shape ,realtionship between AVC , AC ,MC etc • Student understand the revenue , different type of revenue , realtionship between different type of revenue . • Student will understand how to determine producer equilibrium with respect to MR and MC approach .	•Oral Assessment • Assignment • Observation Class Participation • Test

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Book 1 Statistic Chapter -Correlation • Meaning • Types of correlation • Degree of correlation • Karl pearson of correlation • Spearman correlation	Student will able to understand the concept of corelation , Types of correlation, Degrees of correlation , Numericals of Karl pearson , Spearman cofficient of correlation	• Decision making skill • Relate the topic with real world examples. • Understand the market conditions. • Inculcate economic values. • Optimum utilization of resources- (here) related to income. • Critical thinking skill. • Curiosity and imagination.	**Activities**: • Lecture • Class Discussion • Real life Examples • Numericals **Resources**: • Text Book • Green Board • Smart Board	Targetted skills : Critical thinking with Problem solving skills . Understanding the concept of Correlation ,how to apply the concept of correlation ,where to use karl pearson or spearman cofficient of correlation.	• Oral Assessment • Assignment • Observation • Class Participation • Test
Chapter - Index Number • Meaning of Index Number • Unweighted Index • Weighted Index	Students will able to understand the concept Index number and numericals with unweighted and weighted Index	• Decision making skill • Relate the topic with real world examples. • Understand the market conditions. • Inculcate economic values. • Optimum utilization of resources- (here) related to income. • Critical thinking skill. • Curiosity and imagination.	**Activities**: • Lecture • Class Discussion • Real life Examples • Numericals **Resources**: • Text Book • Green Board • Smart Board	Targetted skills : Critical thinking with Problem solving skills . Understanding the concept of Index number , Numericals of weighted and unweighted Index.	• Oral Assessment • Assignment • Observation • Class Participation • Test
Unit -4 Forms of Market • Meaning of market • Features of Perfect competition	Students will able to understand the concept of market and features of perfect competition	• Decision making skill • Relate the topic with real world examples. • Understand the market conditions. • Inculcate economic values. • Optimum utilization of resources- (here) related to income. • Critical thinking skill. • Curiosity and imagination. • Collaboration	**Activities**: • Lecture • Class Discussion • Real life Examples **Resources**: • Text Book • Green Board • Smart Board	• In order to successfully demonstrate this knowledge, the student must apply their knowledge to distinguish between the features of markets.	• Oral Assessment • Assignment • Observation • Class Participation • Test
Chapter : Simple Application of demand and supply	Students will able to understand how to attain market equilibrium by using demand and supply ,how to determine equilibrium price and quantity .	• Decision making skill • Relate the topic with real world examples. • Understand the market conditions. • Inculcate economic values.	**Activities:** • Lecture • Class Discussion • Real life Examples **Resources**: • Text Book • Green Board • Smart Board	It explain how markets reach equilibrium—the point at which demand and supply meet	• Oral Assessment • Assignment • Observation • Class Participation • Test

Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : ACCOUNTANCY

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	**APPLICATION BASED**			
PART -A :- FINANCIAL ACCOUNTING -I **UNIT 1 :- Theoretical Framework** **CHAPTER :- 1 INTRODUCTION TO ACCOUNTING** **Accounting- concept, meaning, as a source of information, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business**	**•After going through this Unit, the students will be able to**: describe the meaning, significance, objectives, advantages and limitations of accounting in the modem economic environment with varied types of business and non-business economic entities • Students will be able to know about Qualitative characteristics of Accounting and role of Accounting in Business and system of Accounting	• Students will be able to identify / recognise the individual(s) and entities that use accounting information for serving their needs of decision making. • Students will be able to know the steps of accounting and apply that steps in recording the daily transactions	**Activity** (to introduce the lesson): Probing questions based on Story Telling related to purchase and sell of articles. **ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this Chapter on Colourful Sheet	They will explain meaning, importance & limitations of Accounting. They will differentiate between Accounting and Bookkeeping. Students will able to Explain the Role of Accounting in Business and systeem of Accounting . **SKILLS**:- Understanding Analytical Critical Thinking	Quiz Notebook work Class test Assignment Practice Questions
CHAPTER : 2 BASIC ACCOUNTING TERMS					
Basic Accounting Terms- Entity, Business Transaction, Capital, Drawings. Liabilities (Non Current and Current). Assets (Non Current, Current); Expenditure (Capital and Revenue), Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount)	**After going through this Unit, the students will be able to:** Students will be able to explain the meaning of different accounting terms. Students will be able to Differentiate between Debtors and Creditors, Various types of Discount etc.	Students will be able to differentiate between Current Asset , Non current Asset and Fictitious Asset in daily life and liabilities. Students will be able to Differentiate between the important terms like Debtors and Creditors in their daily life Situation	**Activity** (to introduce the lesson): Probing questions based on Story Telling in which all importants terms will cover. **ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	Students will able to differentiate between assets and liabilities, Debtors and Creditors. Give examples of terms like business transaction, liabilities, assets, expenditure and purchases. **SKILLS**:- Understanding Analytical Critical Thinking	Quiz Notebook work Class test Assignment Practice Questions
CHAPTER : 3 Theory Base of Accounting					

• Fundamental accounting assumptions: GAAP: Concept **• Basic Accounting Concept : Business Entity, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism,** **• Materiality and Objectivity** **• Accounting Standards: Applicability of Accounting Standards (AS) and Indian Accounting Standards (IndAS)** **• Goods and Services Tax (GST): Characteristics and Advantages.**	**After going through this Unit, the students will be able to:** Students will be able to explain the meaning of GAAP . Students will be able to Explain the principles and concept .	Students will be able to apply these principles in Real Situation	**Activity** (to introduce the lesson): Probing questions based on Story Telling in which all importants terms will cover	Students will able to recall the meaning of GAAP. Students will be able to Recall the Rules of AS and IAS . Students will be able to know about the various principles and concpets.	Quiz Notebook work Class test Assignment Practice Questions
	Students will be able to Know Accounting standards in India and International Accounting Standards	Students will be able to apply the rules of AS if business is in India and IAS if International	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	**SKILLS:-** Understanding Analytical Critical Thinking	
CHAPTER : 4 Basis of Accounting					
System of Accounting. Basis of Accounting: **cash basis and accrual basis**	**After going through this Unit, the students will be able to:** Students will be able to explain the meaning , advantages and disadvanatges of cash and Accrual basis of accounting . Students will be able to Differentiate between cash and Accrual basis of Accounting .	Students will able to know about the rules if Buisness is dealing in Cash only and both.	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	They will be able to analyze accounting transactions on accrual basis and cash basis. They will differentiate between accrual basis and cash basis system	Quiz Notebook work Class test Assignment Practice Questions

CHAPTER : 5 ACCOUNTING EQUATION					
Accounting Equation Approach: Meaning and Analysis **Practical problems**	**After going through this Unit, the students will be able to:** • explain the concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and a negative effect on another item on the same side of accounting equation. • explain the effect of a transaction (increase or decrease) on the assets, liabilities, capital	Students will be able to prepare Balance sheet	**ART INTEGRATED ACTIVITY :- Students will make the portfolio of this chapter in their notebook**	Students will be able to prepare the accounting equation and able to calculate opening capital , closing capital , profit or loss for the year etc . SKILLS:- Understanding Analytical Critical Thinking SKILLS:- Understanding Analytical Critical Thinking Calculations	Quiz Notebook work Class test Assignment Practice Questions
CHAPTER : 6 Rules of Debit and credit					
Traditional Approach and Modern Approach. **Classification of Accounts Meaning of Debit and credit. Introduction of T shape Account**	After going through this Unit, the students will be able to: Students will be able to explain three golden rules of Accounting. Students will be able to Prepare T shape account .	Students will be able to apply the rules of three main accounts in real life these rules will help them in framing journal entries .	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	Students will be able to recall the three golden rules of accounting. SKILLS:- Understanding Analytical Critical Thinking Calculations	Quiz Notebook work Class test Exercise Ques

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
CHAPTER :7 Preparation of vouchers **Vouchers :-** **Source Documents :- Debit Note and Credit Note Cheques Cash memo Bills and Invoice Pay–in-slip Vouchers** **Accounting and Non Accounting Vouchers-**	Students will be able to know about the meaning of vouchers and meaning of source vouchers and its types .	With the help of these golden rules students will be able to prepare the vouchers in real life .	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	Students will be able to recall the waning of vouchers , source documents and vouchers and able to prepare the vouchers	Quiz Notebook work Class test Assignment Practice Questions
	Students will be able to prepare the accounting voucher , debit voucher and credit voucher		**Activity :-** Students will draw the format of vouchers on colourful sheet prepare vouchers in the class . Students will be collect different types of source documents and paste it in their notebook	SKILLS:- Understanding Analytical Critical Thinking Calculations	
CHAPTER 8 :- Journal & Ledger					
Meaning of Journal , advantages and disadvantages, format of journal , Journal entries related to sale and purchase of goods and assets , Bad debts , loss of stock, discount etc .	Students will be able to know about the meaning of journal , Advantages and disadvantages and format of journal and ledger	Students will be able to prepare the journal and ledger in daily life	Activity:- Students will be different transactions and they will prepare the journal and ledger accordingly.	Students will be able to recall the format of journal and able to pass journal entries of different transactions. Students will be able to practical questions of Journal and ledger	Quiz Notebook work Class test Assignment Practice Questions
	Students will be able to make the journal and ledger of different transactions .			SKILLS:- Understanding Analytical Critical Thinking Calculations	
CHAPTER 10 :- Cash Book **Meaning of cash book , advantages and disadvantages of cash book and types of cash book :- single column , Double column and petty cash book**	Students will be able to know about the meaning , advantages and disadvantages of cash book	Students will be able to prepare the cash book in real life	Students will come and write the entries on black board .	Students will be able to solve practical questions related to cash book	Quiz Notebook work Class test Assignment
	Students will be able to solve the questions of single column cash book , Double column cash book and petty cash book			SKILLS:- Understanding Analytical Critical Thinking Calculations	

CHAPTER 11 :- Subsidiary Books Purchase Book , Sales Book , purchase Return Book , sales Return book , Debit note and credit note	Students will be able to know about the meaning of Purchase book , sales book , purchase return book and sales return book	On the basis of source documents students will be able to record the transactions in other books .	**Activity :-** Different students can be assigned to explain different types of books	Students will recall the meaning of different types of subsidiary book and will be able to record the transactions	Quiz Notebook work Class test Assignment Practice
	Students will be able to record the transactions in different books			SKILLS:- Understanding Analytical Critical Thinking Calculations	
CHAPTER 12 :- Goods and service Tax (GST) **Meaning , advantages , disadvantages of GST , types of Gst , Calculation of GST**	• Students will be able to know about the meaning of GST it's advantages , disadvantages . • Students will be able to know about different types of GST :- CGST, SGST and IGST. • Students will be able to solve the questions including GST	develop the understanding of recording of transactions in journal and the skill of calculating GST in real life .	**Activity:-** Quiz can be conducted in the class	Students will be able to explain the meaning of GST , and able to solve the practical questions related to GST. SKILLS:- Understanding Analytical ,Critical Thinking, Calculations	Quiz Notebook work Class test Assignment Practice

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
CHAPTER 14:- Trial Balance Meaning , Advantages and disadvantages of Trial balance , format of Trial balance and suspense Account	• students will be able to know the meaning of Trial balance its advantages and disadvantages. • Students will be able to solve practical questions of Trial balance	Students will be able to identify which account is to be debited or credited in real life transactions. Also able to prepare Trial balance in real life .	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	Students will be able to identify which account is debited and credited and also able to prepare Trial balance SKILLS:- Understanding Analytical Critical Thinking Calculations	Quiz Notebook work Class test Assignment Practice
CHAPTER 14:- Provisions and Reserves **Meaning , advantages and disadvantages of provisions ans reserves and difference between provisions and reserves**	Students will be able to know the meaning of provisions and reserves and able to differentiate between them	Students will be able to differentiate between revenue reserve and capital reserve in real life situation	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	Students will be able to recall the meaning of provisions and reserves and also able to differentiate between provisions and reserve and capital reserve and revenue reserve SKILLS:- Understanding Analytical, Critical Thinking , Calculations	Quiz Notebook work Class test Assignment Practice
CHAPTER 13:- Bank Reconciliation Statement **Meaning of BRS , favourable balance and unfavourable balance as per cash book and pass book**	Students will be able to know about the meaning of Brs and also able to know about how to match pass book balance and cash book balance .	Students will be able to match the pass book balance and cash book balance in real life transactions	**Activity** :- Tecaher will show pass book balance and cash book balance in the class . Students will solve and match the balance . **ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	Students will be able to recall the meaning of BRS and also able to prepare the brs statement and solve practical questions of Brs favourable balance/ unfavourable balance as per pass book / cash book. SKILLS:- Understanding, Analytical, Critical Thinking , Calculations	Quiz Notebook work Class test Assignment Practice

CHAPTER 15:- Depreciation **Meaning of Depreciation , foramula to calculate the rate of depreciation and amount of depreciation and methods of depreciation (SLM AND WDV)**	• Students will be able to know about the meaning of depreciation • Students will be able to calculate the rate and amount of depreciation • Students will be able to solve questions as per SLM Method and WDV method • Students will be able to prepare asset account	Students will be able to calculate the depreciation on fixed asset in real life	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	Students will be able to solve the practical questions of depreciation as per SLM Method AND WDV Method SKILLS:- Understanding Analytical Critical Thinking Calculations	Quiz Notebook work Class test Assignment Practice
CHAPTER 17:- Rectification of Errors **Meaning of rectification, types of Errors and journal entries**	• Students will be able to know about the meaning of rectification of errors and also know about various types of errors. • Students will be able to pass the rectify entries • Students will be able to prepare the suspense account	Students will be able to rectify the entries in real life	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook	Students will be able to solve practical questions and rectify the errors by passing necessary journal entries. SKILLS:- Understanding Analytical Critical Thinking Calculations	Quiz Notebook work Class test Assignment Practice

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
CHAPTER 18-19 :- Financial statement of sole proprietorship) & Adjustments **Meaning of financial statements, types of account :- trading , profit and loss account and balance sheet**	• Students will be to know about the meaning of financial statements • Students will be able to prepare three accounts :- Trading , profit and loss account and balance sheet • Students will be able to prepare accounts with adjustments	Students will be able to prepare trading account , profit and loss account and balance sheet in real life	Activity:- students will collect accounting infomation of any sole proprietorship firm and prepare trading , profit and loss and balance sheet of that form. **ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook SKILLS:- Understanding Analytical Critical Thinking Calculations	• Students will be able to recall the meaning of sole proprietorship. • Students will be able to prepare three accounts trading , profit and loss and balance sheet • Students will be able to differentiate between gross profit and net profit Students will be solve practical questions with adjustments	Quiz Notebook work Class test Assignment Practice
CHAPTER 20:- Single Entry system **Meaning of single entry system and statement of affairs (opening balance sheet and closing balance sheet) statement of profit and loss**	• Students will be able to know the meaning of single entry system . • Students will be able to prepare the opening balance sheet and closing balance sheet •Students will be able to prepare the statement of profit and loss	Students will be able to prepare statement of profit and loss in real life .	**ART INTEGRATED ACTIVITY** :- Students will make the portfolio of this chapter in their notebook. SKILLS:- Understanding Analytical Critical Thinking Calculations	• Students will be able to recall the mekang of single entry system. • Students will be able to prepare opening balance sheet and closing balance sheet With the help of balance sheets. • students will be able to prepare the statements of profit and loss .	Quiz Notebook work Class test Assignment Practice

Blooming Dales School, Hisar

Session : 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : BUSINESS STUDIES

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	APPLICATION BASED			
Part A **Foundations of Business** **Chapter1: Nature and Purpose of Business** **Topics:** *History of Trade and Commerce in India *Business – meaning and characteristics *Business, profession and employmentConcept *Objectives of business *Classification of business activities - Industry and Commerce *Industry-types: primary, secondary, tertiary *Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing,	After completion of the chapter student would: * Get the knowledge about the history of business. *Understand the Concept of Business *Identifying the various Business Activities *Classification of different economic & non economic activity *Role of profit *Compare different types of business *Causes of business risk	*Analyzing Real-Life Business Scenarios: Applying theoretical concepts to analyze and understand real-life business situations. *Entrepreneurial Ventures: Students can use their understanding of business concepts to start their own small businesses or entrepreneurial ventures. * They will understand the importance of financial resources and role of profit * They will apply the knowledge for risk handling in their day to day life and are able to take balanced decisions	Activities: * Lecture * Class Discussion *Real life Examples Resources: * Text Book * Green Board * Smart Board	*Understanding the evolving role of businesses and the modern concept of business. *They will learn the risk handeling and are able to develop the decision making skills. *Developing critical thinking and problem-solving skills: Engaging in case studies, discussions, and exercises to analyze real-world business scenarios. * They can classify the different economic and non economic activities. *They will be able to compare business profession and employment	*Oral Assessment * Assignment * Observation * Class Participation *Test

Chapter -2 Forms of Business Organisation Topics: *Sole proprietorship & Joint Hindu family business features, merits & limitations *Partnership feature, merits, limitations & types of partner& partnership *Cooperative society: feature, merits, demerits,& types. *Joint stock company: feature, merit limitations & types public and private Co. *Different between public & private company. * Formation of company Introduction, Stages of promotion, Incorporation, Capital subscription stage, Commencement of business , Promoter ,Important document- MOM, AOA, Prospectus	After going through the chapter students will be able to: * define various forms of business organization and recognize the distinguishing features of each form of business organization. * articulate the advantages and disadvantages of each form of business organization *Understand the legal implications associated with each form of business organization, including registration requirements, liability issues, etc. * gain knowledge about the procedures involved in forming each type of business organization	* Analyzing Case Studies: Apply knowledge of different forms of business organization to analyze real-world case studies and determine the most suitable form for a given scenario. *Critically analyse and differentiate between different forms of business organisations. * Decision-Making: Students should be able to make informed decisions about the most appropriate form of business organization. * Business Planning: Apply knowledge of different forms of business organization to develop business plans, considering factors like ownership structure, liability, taxation, etc. * Risk Assessment: Evaluate the risks associated with different forms of business organization .	Activities: * Discussions *Case Studies * Real life examples Resources: * Text Book * Green Board * Smart Board	* Critical Thinking and Problem Solving: Students will analyze complex business scenarios and apply critical thinking skills to determine the most suitable form of business organization. * Adaptability and Flexibility: Students will demonstrate adaptability by exploring how changes in business environments, technological advancements, and regulatory frameworks impact the choice of business organization. * Entrepreneurial Mindset: Students will cultivate an entrepreneurial mindset by exploring innovative business models. * Cultural Competence: Students will appreciate the cultural diversity inherent in various forms of business organization, recognizing how cultural norms, values, and practices influence organizational structures and business operations globally.	* Notebook work * MCQs * Case based questions * Assignment

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter 3: Private, Public & Global Enterprises **Topics:** Private sector and public sector enterprises. * Forms of public sector enterprises: Departmental undertakings, Statutory Corporation and Government Company. * Features, merits and limitations. * Difference between different forms of business organisations	After going through the chapter students will: *Develop an understanding of Public sector and Private Sector Enterprises. * Identify and explain the features, merits and limitation of different forms of Public Sector Enterprises. * Discuss the change in the role of Public Sector in an economy	*Analyzing Business Models: Students would be able to analyze various business models employed by public, private, and global enterprises, and identify the advantages and disadvantages of each. *Case Study Analysis: Students would be able to examine real-life case studies of public, private, and global enterprises to understand how they operate in different economic environments and the challenges they face. *Comparative Analysis: Students would be able to compare and contrast the roles, functions, and objectives of public, private, and global enterprises within the context of a specific industry or sector. *Globalization Impact: Students should be able to assess the impact of globalization on various types of enterprises, including changes in market dynamics, competition, and business strategies.	Activities: * Discussion * Debate * Case Studies Resources: * Text Book * Green Board * Smart Board	*Critical Thinking: Develop the ability to critically analyze information about different types of enterprises and their respective roles in the economy. * Problem-Solving: Enhance problem-solving skills by examining challenges faced by public, private, and global enterprises and proposing viable solutions. *Decision Making: Improve decision-making skills by evaluating various business strategies and policies adopted by different types of enterprises. *Research Skills: Strengthen research skills by gathering and synthesizing information from multiple sources to understand the functioning of public, private, and global enterprises. *Communication Skills: Enhance communication skills by articulating ideas and opinions about the similarities and differences between public, private, and global enterprises, both verbally and in writing.	* Assignment * Observation * Class Participation *Test

Chapter 4: Business Services Topics: *Business services – meaning and types. *Banking: Types of bank accounts * Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. *E-Banking: meaning, types of digital payment * Insurance – Principles. Types – life, health, fire and marine insurance – concept *Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier - meaning	After going through the chapter students will *Understand the meaning and types of business services. *Discuss the meaning and types of Business service Banking *Develop an understanding of difference types of bank account. *Develop an understanding of the different services provided by banks. * Recall the concept of insurance *Understand the principles of insurance *Understand the utility of different telecom services	*Case Study Analysis: Apply the concepts learned in the chapter to analyze real-world case studies of business service providers, identifying challenges, opportunities, and strategies for success. *Market Research Project: Conduct a market research project focusing on a specific business service sector (e.g., banking, insurance, transportation) to understand consumer needs, preferences, and market trends. *Business Plan Development: Develop a business plan for a startup in the business services sector, including a feasibility analysis, marketing strategy, financial projections, and risk management plan.	Activities: * Explanation *Discussion * Flow charts Resources: * Text Book * Green Board * Smart Board	Critical Thinking: Evaluate and critique different business service models, assessing their strengths, weaknesses, and potential for innovation. Problem-Solving: Identify and solve complex problems faced by business service providers, applying analytical tools and creative thinking to propose effective solutions. Communication Skills: Present findings from case studies, research projects, and simulation exercises effectively, both orally and in writing, to diverse audiences. Decision-Making: Make informed decisions regarding strategic issues in the business services sector, considering factors such as market dynamics, regulatory requirements, and technological advancements. Teamwork and Collaboration: Collaborate with peers on group projects, respecting diverse perspectives and leveraging individual strengths to achieve common goals. Adaptability: Adapt to changes in the business environment, such as technological disruptions or regulatory reforms, by adjusting strategies and tactics accordingly. Entrepreneurial Mindset: Identify entrepreneurial opportunities within the business services sector and develop innovative solutions to address unmet needs or improve existing services. Ethical Awareness: Recognize ethical dilemmas in the provision of business services and make decisions guided by principles of fairness, transparency, and integrity.	* Assignment * Observation * Class Participation *Test

Chapter 5: Emerging Modes of Business Topics: E - business: concept, scope and benefits	After going through the chapter students would be able to: *understand the meaning of e-business. *Discuss the scope of e-business. *Appreciate the benefits of ebusiness *Distinguish e-business from traditional business.	*Analyze case studies or real-life examples of companies successfully implementing emerging business models. * Evaluate the potential impact of emerging modes of business on traditional industries and markets. * Propose strategies for established companies to integrate or adapt emerging modes of business into their existing operations. * Perform a SWOT (Strengths, Weaknesses, Opportunities, Threats) analysis for a company considering adopting an emerging mode of business. *Identify internal strengths and weaknesses relevant to the implementation of the new business model.	Activities: * Explanation * Real life examples * Debate(E-business Vs Traditional Business) Resources: * Text Book * Green Board * Smart Board	*Demonstrate critical thinking skills by assessing the viability and sustainability of different emerging business models. *Develop research skills to gather relevant data and information on emerging trends and market dynamics. *Enhance communication skills through presentations or discussions on the advantages and challenges of adopting emerging modes of business. *Cultivate creativity and innovation by brainstorming new business ideas or improvements to existing models. *Foster problem-solving skills by identifying potential obstacles and devising solutions to overcome them in the context of implementing emerging business models.	* Assignment *MCQs * Case and application based activities * Class Observation
Chapter 6: Social Responsibility of Business and Business Ethics Topics: * Concept and cases of social responsibility * Responsibility towards owners, investors, consumers, employees, government and community * Role of business in environment protection *Business Ethics - Concept and Elements	* State the concept of social responsibility. * Identify the social responsibility towards different interest groups. * Appreciate the role of business in environment protecState the concept of business ethics. *Describe the elements of business Ethics	*Analyze case studies or real-life examples to evaluate the ethical implications of business decisions and actions. *Apply ethical decision-making frameworks. *Assess the social and environmental impact of business activities on stakeholders, communities, and the broader society. *Develop strategies for integrating CSR initiatives into business operations to enhance reputation, mitigate risks, and create shared value. *Evaluate the effectiveness of existing CSR programs and initiatives in achieving their intended goals and objectives. *Propose recommendations for addressing ethical lapses or shortcomings in corporate governance structures and practices. *Design a CSR strategy tailored to the specific needs and priorities of a given industry, market, or organizational context.	Activities: *Lecture * Explanation * Real life examples Resources: * Text Book * Green Board * Smart Board	*Apply critical thinking skills to analyze ethical dilemmas and make informed decisions that balance competing interests and values. *Develop communication skills to articulate ethical principles, values, and responsibilities within organizational contexts. *Cultivate empathy and perspective-taking abilities to understand diverse stakeholder perspectives and concerns. *Demonstrate leadership skills in promoting a culture of integrity, accountability, and transparency within organizations. *Enhance problem-solving skills to identify ethical issues, assess risks, and develop appropriate responses or solutions.	* Assignment *MCQs * Case and application based activities * Class Observation

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Part B: Finance and Trade **Chapter 7: Sources of Business Finanace** **Topics:** *Concept of business finance *Owners' funds- equity shares, preferences share, retained earnings *Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD).	* Define the concept of business finance and its significance in organizational operations. * Identify the various sources of business finance available to organizations. * Describe the characteristics, advantages, and limitations of different sources of business finance. * Understand the distinction between internal and external sources of business finance. * Explain the role of financial intermediaries, such as banks, in facilitating business finance. * Define terms related to business finance, such as equity capital, debt capital, retained earnings, debentures, etc. * Recognize the factors influencing the choice of appropriate sources of finance for different types of businesses. * Explain the importance of financial planning and management in ensuring the optimal utilization of financial resources.	* Analyze case studies or real-life examples to evaluate the suitability of different sources of finance for specific business scenarios. * Assess the financial requirements of a hypothetical business venture and propose a suitable mix of financing options. * Develop a financial plan for a startup or existing business, considering the available sources of finance and their respective costs and risks. * Compare and contrast the terms and conditions associated with different types of financing arrangements, such as equity financing vs. debt financing. * Evaluate the impact of financing decisions on the financial structure, profitability, and solvency of businesses.	Activities: * Class Discussions * Explanation * Real life examples Resources: * Text Book * Green Board * Smart Board	* Develop critical thinking skills to analyze financial statements, market trends, and industry dynamics when evaluating financing options. * Cultivate decision-making skills to select the most suitable sources of finance based on the organization's financial needs, risk appetite, and growth objectives. * Enhance communication skills to articulate financial plans, proposals, and recommendations to stakeholders, including investors, lenders, and management. * Demonstrate problem-solving skills to address financial challenges and constraints faced by businesses in accessing capital.	* MCQs * Assignment * Class Observation * Class Participation *Test

Chapter 8: Small Business And Enterprises **Topics:** * Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development *Start-up India Scheme, ways to fund start-up * Intellectual Property Rights and Entrepreneurship * Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act) *Role of small business in India with special reference to rural areas *Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas	* Define the concept of small business and enterprises (SMEs) within the context of the business landscape. * Identify the characteristics and unique challenges associated with small businesses and enterprises. * Describe the role of SMEs in economic development, innovation, and job creation. * Explain the different types of small businesses and enterprises, including sole proprietorships, partnerships, and corporations. * Outline the stages of small business development, from inception to growth and sustainability. * Understand the importance of entrepreneurship and innovation in the success of small businesses and enterprises. * Recognize the factors influencing the formation, growth, and survival of small businesses and enterprises.	* Analyze case studies or real-life examples of successful small businesses and enterprises across different industries. * Evaluate the feasibility of a business idea or concept for a small enterprise, considering market demand, competition, and resource availability. * Develop a business plan for a new small business venture, including market analysis, financial projections, and operational strategies. * Assess the competitive landscape and market positioning of an existing small business, identifying opportunities for growth and improvement. * Identify potential funding sources and financing options available to small businesses, such as loans, grants, or venture capital.	Activities: *Discussion * Presentation of business idea Resources: * Text Book * Green Board * Smart Board	* Entrepreneurial Mindset and Innovation:Students will develop an entrepreneurial mindset characterized by creativity, adaptability, and a willingness to take calculated risks. * Ethical Leadership and Social Responsibility: Students will demonstrate ethical leadership qualities and a commitment to corporate social responsibility (CSR), ensuring that small businesses operate ethically and contribute positively to their communities and society. * Collaboration and Networking Skills: Students will collaborate with peers, mentors, and industry experts to exchange ideas, seek support, and build professional networks essential for success in the small business ecosystem. * Develop critical thinking skills to evaluate business opportunities, identify market gaps, and solve problems encountered by small	* Questioning * Assignment * Project * Class Participation *Test
Chapter 9: Internal Trade **Topics:** *Internal trade – meaning *Types services rendered by a wholesaler and a retailer	After going through the chapter students would be able to: * understand the concept of Internal Trade and its types. * explain the various services provided by the wholesaler and the retailers and their importance in the market chain.	Students would be able to analyse the role of each element of the market chain.	Activities: *Explanation * Debate * Discussion Resources: * Text Book * Green Board * Smart Board	Analysis: Students would be able to analyse the role of wholesalers and retailers in the market.	* Questioning * FAQs to check previous knowledge

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter 9: Internal Trade **Topics:** * Types of retail-trade-Itinerant and small scale fixed shops retailers *Large scale retailers-Departmental stores, chain stores – concept *GST (Goods and Services Tax): Concept and key-features	After going through the chapter students will be able to: * Define internal trade and explain its significance in the domestic economy. * Identify the different types of internal trade, such as wholesale trade, retail trade, and e-commerce. * Describe the functions of intermediaries involved in internal trade, including wholesalers, retailers, and agents. * Explain the concept of trade channels and their importance in the distribution of goods and services. * Describe the role of advertising and sales promotion in internal trade. * Discuss the challenges and opportunities associated with internal trade in a developing economy.	* Analyze case studies of successful retail or wholesale businesses, identifying their strategies for market penetration, product assortment, and customer service. * Evaluate the efficiency of different distribution channels in delivering goods and services to end consumers. * Design a wholesale distribution plan for a product or service, considering factors like logistics, transportation, warehousing, and inventory management. * Analyze the competitive landscape and devise strategies to differentiate the retail offering and attract customers. * Analyze real-world case studies of successful and unsuccessful internal trade ventures, identifying key success factors, challenges, and lessons learned. * Apply critical thinking skills to make informed decisions and recommendations for improving internal trade practices and outcomes.	Activities: * Explanation * Case study * Market Research project (Assign students to conduct market research on a specific product within their local area. They can analyze consumer preferences, pricing trends, supply chain dynamics, and the impact of government policies on internal trade.) Resources: * Text Book * Green Board * Smart Board	* Critical Thinking and Problem Solving: Students will analyze the impact of internal trade policies, market dynamics, and consumer behavior to propose effective solutions to challenges faced by businesses. *Data Analysis and Decision Making: Students will utilize data analytics tools to interpret market data, identify trends, and make informed business decisions. * Cultural Competence: Students will recognize the cultural diversity within domestic markets and understand how cultural factors influence consumer behavior and business practices. * Lifelong Learning and Professional Development: Students will recognize the importance of continuous learning and skill development to stay competitive in the evolving field of internal trade	* Assignment * Observation * Class Participation *Test

Chapter 10: International Trade **Topics:** * International Trade: Concept, Problems and Benefits *World Trade Organization (WTO) Meaning and Objectives * Import Trade – Meaning and Procedure * Export Trade – Meaning and Procedure * Documents Involved In International Trade Indent Letter Of Credit Shipping Order Shipping Bills Mate's Receipt (DA/DP)	After going through the chapter students will learn about the: * Concept, Importance and problems of International Business *Tabular comparison between domestic & international business * Develop an understanding of the various documents used in international trade. * Import/ Export Procedure	* Analyze case studies of successful international businesses and understand their strategies for market entry, expansion, and adaptation. * Evaluate the impact of government policies and regulations on international business operations. * Formulate strategies for a domestic business to enter and compete in international markets. * Conduct a SWOT analysis for a company considering international expansion. * Analyze the effects of currency fluctuations on international trade and investment decisions. * Discuss and debate the ethical considerations in international business practices, such as labor standards, environmental sustainability, and fair trade.	Resources: * Text Book * Green Board * Smart Board	* Critical Thinking and Problem Solving: Students will analyze complex global economic issues and propose innovative solutions to real-world challenges faced by international businesses. Global Awareness: Students will develop a deep understanding of global interdependencies, cultural diversity, and socio-economic factors influencing international business operations. *Ethical and Social Responsibility: Students will critically evaluate ethical dilemmas in international business practices and develop a sense of social responsibility towards sustainable development, fair trade, and corporate social responsibility (CSR). * Entrepreneurial Mindset: Students will cultivate an entrepreneurial mindset by exploring opportunities and risks associated with international business ventures, fostering creativity, innovation	
*Project Work *Revision Test	*Students will understand the business terminology . * They will get the knowledge of various factors affecting the business.	* Apply technology tools for market research, financial analysis, and communication purposes. * Conduct primary research (e.g., surveys, interviews) to gather data relevant to a specific business issue. **Develop critical thinking skills by evaluating business strategies and proposing alternatives.	Activities: * Case Studies *Research work *Presentation of data Resources: * Guidelines * Sample Project	*Subject Knowledge Acquisition: Students will gain a deeper understanding of key business concepts such as marketing, finance, human resources, and operations management. *Research and Analytical Skills: Apply theoretical knowledge to real-world business scenarios. *Communication and Presentation Skills: Effectively communicate ideas, findings, and recommendations through written reports and presentations. * Creativity and Innovation: Generate creative ideas and innovative solutions to address business challenges and opportunities.	* Checklist and Rubrics * Content Analysis * Creativity and Innovation

Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : COMPUTER SCIENCE

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	**APPLICATION BASED**			
Ch-1 Computer System Overview	Students will be able to understand the concept of Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose	Students will be able to Identify the components of computer system. Diffrtent type software Application Software, System Software, Language Processor (Compiler and Inter preter), Utility Software.	**Activities** Diagram showing working of computer system, CPU **Resources:** Sumita Arora book Smart board	**Skill - Curiosity, Critical thinking Analysing Problem solving**	Assignments Class tests Oral tests MCQs

CH-2 Getting started with Python	Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, data type conversion,	Students will be able to : Write program using Script Mode. Print User Define Message.	**Activities** Program to dislpay message on output Screen. **Resources:** Sumita Arora book Smart board	**Skill - Curiosity, Critical thinking Analysing Problem solving**	Assignments Class tests Oral tests MCQs

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Ch-3 Python Fundamentals	Familiarization with the basic of Python programming: a simple "hello world" program, process of writing a program, running it, and print statements; simple data-types: integer, float, string. Introduce the notion of variable, and methods to manipulate it Tokens - keywords, identifiers, Literals, Delimiters. Knowledge of data type and operators: accepting input from the console, assignment statement, expressions, operators (assignment, arithmetic, relational and logical) and their precedence.	Students will be able to write Python programs *Based on simple input and output *Based on operators like +,-,*,/ *Based on logical operators	Activities: * Lecture * Class Discussion *Practical Resources: * Text Book * Green Board * Smart Board	**Skill - Curiosity, Critical thinking Analysing Problem solving**	Assignments Class tests Oral tests MCQs

Ch-4 Data Handling	*Immutable and mutable types Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression, python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output ● Errors: syntax errors, logical errors, runtime errors	To find average and grade for given marks. 2. To find sale price of an item with given cost and discount (%). 3. To calculate perimeter/circumference and area of shapes such as triangle, rectangle, square and circle. 4. To calculate Simple and Compound interest. 5. To calculate profit-loss for given Cost and Sell Price.	"Activities: * Lecture * Class Discussion *Practical Resources: * Text Book * Green Board * Smart Board "	**Skill - Curiosity, Critical thinking Analysing Problem solving**	Assignments Class tests Oral tests MCQs
Ch-5 Flow of Control	Control Statements: if-else, if-elif-else, while loop, for loop simple programs: e.g.: absolute value, sort 3 numbers, divisibility. Notion of iterative computation and control flow: for (range() , len()), while, flowcharts.	To calculate EMI for Amount, Period and Interest. 7. To calculate tax - GST / Income Tax. 8. To find the largest and smallest numbers in a list. 9. To find the third largest/smallest number in a list. 10. To find the sum of squares of the first 100 natural numbers. 11. To print the first ‘n’ multiples of given number.	Activities: * Lecture * Class Discussion *Practical Resources: * Text Book * Green Board * Smart Board	**Skill - Curiosity, Critical thinking Analysing Problem solving**	Assignments Class tests Oral tests MCQs

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Ch-6 String and List manipulation	*Stings their purpose *Sting slicining *String methods Lists: list operations - creating, initializing, traversing and manipulating lists, *list methods and built-in functions – len(),list(), append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()	Students will create *Perform string slicing * Other string operations like concatenation and replication * The list of integer * they will write the coding for appending more record * they will write the coding for deleting and insert the records * More examples will be given to them for coding	Activities: * Lecture * Class Discussion *Practical Resources: * Text Book * Green Board * Smart Board	**Skill - Curiosity, Critical thinking Analysing Problem solving**	Assignments Class tests Oral tests MCQs

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Ch-13 Dictionaraies	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear()	*Create a dictionary to store names of states and their capitals. *Create a dictionary of students to store names and marks obtained in 5 subjects. *To print the highest and lowest values in the dictionary.	Activities: * Lecture * Class Discussion *Real life Examples *Practical Resources: * Text Book * Green Board * Smart Board	**Skill - Curiosity, Critical thinking Analysing Problem solving**	Assignments Class tests Oral tests MCQs
Ch-14 Emerging trend and Cyber safety	Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology	Students will learn about the * Real life usage of AI * use of Robotics in various application * CLoud computing and its practical utility in today world *Use of Block chain technology in our projects	Activities: * Lecture * Class Discussion *Real life Examples *Practical Resources: * Text Book * Green Board * Smart Board	**Skill - Curiosity, Critical thinking Analysing Problem solving**	Assignments Class tests Oral tests MCQs

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter -3:Understanding Social Institu -tutions	*Family, Marriage and Kinship *forms of marriages *Work & Economic Life *Transformation of work. *Political Institutions *Stateless societies *Religion as a Social Institution *Education *Education as a Social Institution	*Students will be able to know the kinds of marriages. *They will be able to know the role of social institutions in real life . *The importance of work in modern time. *The importance of education in personality development .	***Activities** Have you ever seen matrimonial advertisements? Divide the class into groups and look at different newspapers, magazines and the internet. Discuss your findings. Do you think endogamy is still the prevalent norm? How does it help you to understand choice in marriage? More importantly, what kind of changes in society does it reflect? **Resource** : *Chalk board Smart board NCERT book	*After completion of the chapter students will be able to understand types of marriages and which form of marriage is the best. *How Social institutions are helpful in our personality development . *Types of Societies What is the role of Political institutions in our society .	* NCERT Questions *Case study based Questions *Assessment by different questions *Observation *Oral test
Chapter -4:Culture and Socialization	*Defining Culture *Different aspects of culture *Cognitive and Normative *Dimensions of Culture *Socialization *Culture and identity *Agencies of Socialisation *Ethnocentrism *Cosmopolitanism	*Will be able to define culture *They will be able to know the different aspects of culture *They will be able to understand how socialization takes place in individual's life. * They will be able to understand the role of different socialization agents like family, education,peer in our life. *Application to Daily Life: Understanding how cultural and social influences impact everyday interactions, decisions, and relationships.	**Activities** : *Think of examples of how people sacrifice for family, for religion or for he state. *Find out from at least one region other than your own how natural environment affects food habits. patterns of dwelling, clothing and the ways in which God or gods are worshipped. **Resource** : Chalk board Smart board Case Studies: Real-life examples and case studies illustrate how cultural factors influence socialization outcomes in various contexts, such as family, education, work, and media.	*Understanding of Cultural Diversity: Learners gain insight into different cultures, traditions, values, and beliefs, fostering appreciation for diversity. Socialization Processes: Knowledge of how individuals learn societal norms, roles, and behaviors through socialization agents like family, peers, media, and education. Application to Daily Life: Understanding how cultural and social influences impact everyday interactions, decisions, and relationships. *Overall, the chapter aims to deepen understanding of the complex interplay between culture, socialization, and human behavior, preparing learners to navigate diverse social contexts with empathy and cultural sensitivity.	*Written Assignments *NCERT Questions *Observation *Oral test *CLASS test

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter -7:Social Change and Social order in Rural and Urban Society	*To understand the concepts of social change and social order in rural and urban society. *To analyze the factors contributing to social change and the maintenance of social order. *To explore the implications of social change on rural and urban communities.	*Discuss the implications of social change on rural and urban communities, including economic, cultural, and environmental impacts. *Encourage students to reflect on how social change affects their own lives and communities.	*Assign students to conduct interviews with individualsfrom both rural and urban communities. *Instruct students to ask questions related to social change and social order, such as: 1.How has your community changed over the past few decades? 2.What are the main factors driving these changes? 3.How do residents perceive and adapt to these changes?	*Students will grasp the concept of social change and recognize its significance in shaping societies, both rural and urban. They will learn about various factors contributing to social change, such as technological advancements, globalization, demographic shifts, and social movements. *Students will be able to analyze the concept of social order and its role in maintaining stability and cohesion within communities. • They will differentiate between traditional and modern forms of social order and understand the mechanisms through which institutions, norms, and values contribute to social order. • Through case studies, discussions, and activities, students will develop critical thinking skills by evaluating real-world examples of social change and social order. • They will learn to analyze complex social phenomena, identify underlying causes and consequences, and consider multiple perspectives.	

Chapter -8:Introducing Western Sociologists	*Begin by explaining the importance of studying sociology and the role of sociologists in understanding society. Discuss the relevance of Western sociologists in shaping sociological theories and concepts. * Discuss the relevance of Western sociologists inshaping sociological theories and concepts. *Present a brief overview of selected Western sociologists such as: Emile Durkheim,Max Weber, Karl Marx	*students will be able to demonstrate their understanding of Western sociologists and their theories using the application. *Students will be able to identify and understand the contributions of key Western sociologists to the field of sociology. *Whole-class discussion where students share their insights and connections between the concepts explored.	Activities : *Whole-class discussion where *Students share their insights and connections between the concepts explored. Interactive quizzes based on the biographies, theories, and contributions of Western sociologists.	*Analyze and evaluate the theories, concepts, and methodologies proposed by Western sociologists. Communicate effectively about the theories, concepts, and contributions of Western sociologists through written and oral presentations. By achieving these learning outcomes, students will develop a solid foundation in the study of sociology, gain insight into the diversity of perspectives within the field, and develop critical thinking skills applicable to various academic and real-world contexts.	*Informal assessment through participation in class discussions and activities. Formal assessment through a written reflection or quiz on the key contributions of the sociologists covered in the lesson NCERT Questions *Case studies *Oral test *Class test

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**		Students will be able to :	
Chapter -9:India Sociologists	*Identify key Indian sociologists and their contributions to the field of sociology. *Understand the socio-historical context in which Indian sociologists lived and worked. *Analyse how Indian sociologists' theories and research have contributed to understanding Indian society and social issues. *Apply concepts and perspectives developed by Indian sociologists to analyze contemporary social phenomena in India.	Students will be able to : *Gain knowledge about the life, works, and theories of prominent Indian sociologists such as M.N. Srinivas, *B.R. Ambedkar, G.S. Ghurye, and others. Understand the influence of colonialism, independence movement, and social reform movements on the development of sociology in India. *Explore how Indian sociologists have addressed issues such as caste, gender, religion, and modernization in their research and writings. *Examine case studies and examples illustrating the application of Indian sociologists theories to real-world social phenomena in India.	**Activities :** *Divide students into small groups and assign each group a different Indian sociologist to research. *Students will analyse the case studies using theories and concepts developed by Indian sociologists, and to propose solutions or interventions based on their analysis. Resource : *Chalk board *Smart board NCERT book	*Demonstrate knowledge of key Indian sociologists, their biographies, and their major works. *Understand the historical and cultural context of Indian sociology and its development. *Communicate effectively about the theories and research findings of Indian sociologists through presentations, discussions, and assignments.	*Class Discussions and Participation: *Engage students in class discussions on key concepts, theories, and sociologists' contributions, encouraging them to analyze and critique *ideas and perspectives presented *Selected questions of NCERT *Oral test *Multiple-choice *Class discussion
December :Revision					

Chapter -3:Election and Represenation ***Elections and democracy** ***Election system in India** ***First Past the Post system .** ***Proportional Representation** ***Why did India adopt the FPTP system?** ***Reservation of constituencies.** ***Free and fair elections** ***Independent Election** ***Electoral Reforms**	*Structure and functions of *the Election Commission of India *Rationale of Free and Fair elections. *Need for electoral reforms. *Election process in India *dentify different types and methods of elections in India. •Demonstrate the innate role played by election commission . *Compare election systems of different countries of the world.	*After completion of the chapter, students will be able to : *Identify different types and methods of elections in India *Demonstrate the innate role played by election commission	Activities: *Cartoon based activity *Group discussion: Challenges and Reforms. *Compare and contrast different electoral systems used in various countries (e.g., first-past-the-post, proportional representation, mixed-member systems). Discuss the advantages and disadvantages of each system in terms of representation, political stability, and voter engagement. **Resources:** Chalk board Smart board NCERT book Modules	*Identify different types and methods of elections . *Develop critical thinking about the role of various stakeholders in ensuring free and fair elections. *Will be able to know the role of electi -ion commission. SKILLS:- Understanding Analytical and critical thinking skills	

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
July	**KNOWLEDGE BASED**	**APPLICATION BASED**			
Chapter -4 Executive ***What is an executive?** ***What are the different types of executives.** ***Parliamentary executive in I India.** ***Power and position of President.** ***Discretionary Powers of the President.** ***Prime Minister and Council of Ministers.** ***Permanent Executive: Bureaucrac.**	*Meaning of Executive *Distinction between Parliame "ntary and Presidential forms of Executive " *Power and position of the President . *Composition, powers and functioning of the Council of Ministers and the "importance of the Prime Minister " *Importance and functioning of the administrative machinery	*Recognize the meaning of executive . *Compare and contrast the parliamentary and presidential executive . *Know the significance of the administrative machinery.	Activities : *Interpretation of Cartoons *Quize Discussion and Debate: Powers and functions of the real and nomi -native executive . Resources : Chalk board Smart board Modules NCERT book	After completion of the chapter Students will be able to : *Know the meaning of Executive *Compare and contrast the Parliamentary and Presidential Executive. and presidential executive. "*Analyze the composition " and fonctioning of the executive . *Students will gain a better understanding of the structure and functions of the chapter executive, as well as the responsibilities of executive members. *Enhanced Leadership Skills: Students will develop leadership skills such as decision-making, communication, and teamwork through their participation in executive activities. *SKILLS:- Understanding Analytical	

Chapter -5 Legisture ***Why do we need a parliament?** ***Why do we need two** ***houses of parliament?** ***Rajya Sabha** ***Lok Sabha** ***What does the parliamen do?** ***Powers of Rajya Sabha** ***How does the parliament make law?** ***How does the parliament control the executive?** ***What do the committees of parliament do?*** ***How does the Parliament regulates itself?**	*mportance of Legislature. *Types of Legislatures- *Unicameral and Bicameral. *Powers and functions of the Indian Parliament *Powers and functions of the Indian Parliament . *Instruments of parliamentary control over executive .	Students will be able to : *Describe the law- making process. *Differentiate between the power and functions of parliam -ent *Examine the parliamentary control.over the Executive.	**Activities** : Map based activities Cartoon based Comparative Analysis: Powers and functions of Lok Sabha and Rajya Sabha **Resources**: Chalk board Smart board NCERT book	•Describe the law- making process in India *Differentiate between the powers and functions of Lok sabha and Rajya Sabha. *Examine the parliamentary contro. over executive •Analyze the role of Parliamentary committees for the success of Indian democracy. SKILLS:- Understanding Analytical	
Chapter-6 **Judiciary** **Why do we need an independent judiciary.** **Independence of Judiciary** ***Appointment of JudgesbRemoval of Judges** **Structure of the Judiciary** ***Jurisdiction of supreme Court** ***Original Jurisdiction** ***Writ Jurisdiction** ***Appellate Jurisdiction** ***Advisory jurisdiction** ***Judiciary and Rights**	Students will be able to know the: *Need of an independent Judiciary. *Different jurisdictions of the Supreme Court *Distinction between Judicial Act -ivism , Judicial review. *Conflicts between Judiciary and	*Identify the different aspects which makes the Judiciary independent *Compare and contrast the different jurisdictions *Analyze the reasons why Judiciary has become proactive. *Examine the reasons for the conflicts between the judiciary and parliamet with respect to constitutional amendment.	**Activities :** Group discussion on Indian Judiciary. *draw India Judiciary structure **Resources :** Chalk board NCERT book Smart board	*Identify the different aspects which makes the Judiciary independent *Different Jurisdictions of Supreme court. *How Judiciary protects Fundamental Rights? **SKILLS:-** Understanding Analytical	

Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : SOCIOLOGY

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	APPLICATION BASED			
Capter -1:Sociology, Society and its relationship with other social science	*Pluralities and Inequalities among societies. *Introducing Sociology: Emergence. *Nature and Scope. *Relationship with other Social Science disciplines.	*Students will be able to understand the nature and Scope of Sociology in real life. *Understand the relation with other sciences.	Activities : *Group discussion *Picture based *find out how Industrial revolution changed Indian lives in Villages and cities.	*Students will be able to know *Capitalism and global unveven transformation of societies. *Will be able to analyse relations of sociology with other sciences .	*NCERT Questions *Case studies *Observation Oral test Class -Test
Chapter -2: Terms, Concepts and their use in Sociology .	Social Groups and Society Primary group and secondary group Social Stratification Cast,class, Status and Role *Society and social control	Students will be able to know *Role of peer group in our lives Cast stratification in or society *Difference between Ascribed status and achieved status *Social control formal and informal.	Activities : *Can you think of examples drawn from your life how this 'unofficial' social control operates? Have you in class or in your peer group noticed how a child who behaves a bit differently from the rest is treated? Have you witnessed incidents where children are bullied by their to be more like the other children? *Group discussion Resources: Chalk board NCERT book Smart board	After completion of the chapter *Students will be able to know the importance of peer group in their life *Differtiate between Ascribed status and achieved status. *How social control is necessary for orderly society. *they will be able to know the differe ences between formal social control an informal social control .	*NCERT Questions *Assessed through case studies *MCQ *Oral test *Class -test

August					
Chapter -7 Federalism ***Federalism in the Indian Constitution** ***Division of Powers** ***Federalism with a strong** ***central government** **Conflicts in India's federal system** ***Centre-State Relations** ***Demands for Autonomy** ***Role of Governors and President's Rule** ***Demands for New States.** ***Interstate Conflicts**	*Key ideas & basic concepts of federalism. *Provisions of the Indian Constitution regarding federalism. *Need to have a strong central government in India owing to its diversity and size. *Issues involving relations between Centre and States.	Students will be able to: *Explain the basic features of a federation Identify the different levels of government &subjects on which governments can make laws. Discuss the various constit tutionnal provisions that led to a strong center. *Explain the basic features of a federation. *Discuss the various constitutional provisions that led to a strong Centre in India.	Activity : *Cartoon interpretation *Map activity *Group Discussion/Debate: Debate: Prevailing issues in Centre-state relations. Resources : Chalk board Smart board NCERT book	*Explain the basic features of a federation. *Identify the different levels of the government &subjects on which the union and state governments can make laws. *Discuss the various constitutional provisions that led to a strong Centre in India. SKILLS:- Understanding Analytical	
Chapter -8:Local Governments ***Why local governments?** ***Benefits of Local governments** **73rd and 74th amendments** **Three Tier Structure** **Elections** **Reservations** **Transfer of Subjects** **State Election Commissioners** **State Finance Commission** **74th Amendment implementation of 73rd and 74th Amendment**	*Students will understand the importance and need for local government. *Functions and responsibilities of local government bodies *Significance of the 73rd and 74th Amendments	Students will be: *Understand the Panchayati Raj system of local government in India, its emergence and significance *Identify the objectives, functions and sources of income of rural and urban local government.	Activities : *Debate/group discussion: *The merits and demerits of decentr -alization. Resources : *Chalk board *Smart board *NCERT Book	*Justify the significance of 73rd and 74th constitutional amendments *Acknowledge and examine the significance of decentralization Introspect and realize the need to empower local government bodies *SKILLS:- Understanding Analytical brain storming	

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter-1:Political Theory: An Introduction ***What is politics?** ***What do we study in political theory?** ***Putting Political theory into practice** ***Why should we study political theory?**	*Meaning and importance of *political theory in Political Science. *Various political concepts *Importance of Political theory *Contribution of Political theory in *Basic questions: *How should society be organized? *Why do we need a government	*Students will be able to : *Define Political theory *Students will be able to know the importance of Political theory in real life *They will be able to know Why we should study Political theory.	**Activities :** *Reading the works of great thinkers. Quiz Cartoon based **Resource** : *Chalk board *NCERT book *Smart board	After completion of the chapter: *Define the term politics and *Identify various political principles. *Explain the innate ideas of various Political theories. *Appreciate the contribution of Political Thinkers (example: Jean Jacques Rousseau). *SKILLS:- Understanding and thinking skills.	*Observation
Chapter -2:Freedom ***The Ideal of freedom** ***The sources of** ***Constraints-Why do we need constraints** ***The Harm Principle** ***Negative and Positive Liberty**	Concept of 'Freedom'. Definition of Freedom Sources of Constraints and need for Constraints Importance of freedom for Individuals and the society in general. Differentiate between the Negative and Positive liberty. Harm Principle as advocated by J.S Mill.	Students will be able to : To appreciate the ideals of Liberty *Critically evaluate the dimensions of negative and positive liberty. *Demonstrate spirit of enquiry	**Activities :** Debate: Does dress code curtail individual freedom? Comparative Analysis: Negative and positive Liberty *Examine current case studies related to the topic. **Resource :** *Chalk board NCERT book Smart board	After completion of the chapter students will appreciate the ideal of libertyCritically evaluate the dimensions *negative and positive liberty. *Demonstrate spirit of enquiry Skill - Curiosity, Critical thinking	

October					
Chapter :3 Equality ***Why does equality matter?** ***Equality of opportunities** ***Natural and Social equality** ***Dimensions of equality** ***Three dimensions of equality** ***Feminism, Socialism** ***How can we promote equality?**	*Meaning of Equality "•Different dimensions of equality " *political, economic, and social *Affirmative actions to promote equality.	Students will be able to: *Understand the moral and political ideals of equality. *Recognize the means and methods to promote equality. *Evaluate the possible solutions to minimize inequality.	Activities : Discussion and debate to promote equality Resource : Chalk board NCERT book	After completion of the chapter students will be able to understand the political ideals of equality. *Assess how equality is perceived through different ideologies *Students will be able to know about the ideas to eliminate inequality in society. Skill - Problem solving, Understanding	*NCERT Questions *Observation *Oral Questioning *Class-test
Chapter -4 Social Justice ***What is Justice?** ***Equal Treatment for Equals** ***Proportionate Justice** ***Recognition of Special Needs** ***Just distribution** ***John Rawls Theory of Justice"**	*Meaning of Justice *Principles of justice followed in different societies *Concept of distributive and proportionate justice Arguments of John Rawls 'on fair and just society.	Students will be able to *Classify the different dimensions of justice. *Appreciate the measures taken by the *government of India to secure social justice. *Enlist the basic minimum requirements of people for living a healthy and productive life. State John Rawls' theory of veil of ignorance. *Understand the concept of justice and its importance in society. Skills:understanding and thinking skill.	Activities : "Comparative Analysis: Dimensions of justice " Introduction Discussion: Begin the lesson with a discussion on the meaning of justice. *Students will be asked to share their thoughts on What justice means to them and why it is important in society? Resources : Chalk board Smart board NCERT book	After completion of the chapter students will : Appreciate the measures taken by the government of India to secure social justice. Enlist the basic minimum requirements of people for living a healthy and productive life. *Recognize the means and methods to promote equality. Skills:Problem solving	*NCERT Questions *Oral Test *Observation

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter -5 Rights ***What are Rights?** ***Where do rights come from?** ***Legal rights and the state** ***Kinds of rights** ***Rights and responsibilities**	*Definition and significance of rights. *Rights as guaranteed to all the citizens "*Importance of Human Rights " "•Different kinds of rights- Political, Economic, Cultural and Educational. "	Students will be able to : *Define rights Describe the features of different kinds of rights "*Explain why rights need to be sanctioned by law. "	Activities : Discussion: Importance of rights Comparative analysis of: different kinds of rights Resource : Chalk board Smart board NCERT book	After completion of the chapter: *Students will be able to define Rights *Explain why rights need to be sanctioned by law. *Describe the features of different kinds of rights "Skill - Identifying different kinds of rights Skill - Analysing and understanding "	*NCERT Questions *Observation Oral Test
Chapter -7:Nationalism ***Introducing Nationalism** ***Nations and Nationalism** ***Shared Beliefs** **History** ***Shared National Identity** ***National self-determination** ***Nationalism and Pluralism**	*Emergence and phases of nationalism *Distinction between state, nation, and Nationalism. Concept of National selfdetermination	Students will be able to : *Understand the concepts of nation and Nationalism. *Assess the strengths and limitations of Nationalism • Identify and build an understanding on the factors related to creation of collective identities *Examine the concept of national selfdetermination	**Activities:** *Group interaction: The factors that help in creating sense of collectivity **Resource :** *Chalk board *NCERT book *Smart board	*After completion of the chapter students will be able to: *Understand the concepts of nation and nationalism. *Students will be able to *Assess the strengths and limitations of nationalism.	*NCERT selected questions *MCQ *Observation *Oral test
Nationalism ***Introducing Nationalism** ***Nations and Nationalism** ***Shared Beliefs** **History** ***Shared National Identity** ***National self-determination** ***Nationalism and Pluralism**	*Emergence and phases of nationalism *Distinction between state, nation, and Nationalism. Concept of National selfdetermination	Students will be able to : *Understand the concepts of nation and Nationalism. "*Assess the strengths and limitations of Nationalism " • Identify and build an understanding on the " • factors related to creation of collective identities " *Examine the concept of national selfdetermination	**Activities** *Group interaction: The factors that help in creating sense of collectivity **Resource :** *Chalk board *NCERT book *Smart board	*After completion of the chapter students will be able to: *Understand the concepts of nation and nationalism. *Students will be able to *Assess the strengths and limitations of nationalism. *They will be able to know the importance importance of Nationalism. *Understanding and analytical skills.	
Chapter 8:Secularism ***What is Secularism?** ***Inter-religious Domination** ***Intra-religious Domination** ***Secular State**	*Meaning of Secularism *Secular state *Inter-religious and IntraReligious Domination. *Characteristics of Secular state	Students will be able to know: *Define Secularism *Differentiate between Inter-religious and Intra-Religious Domination.	Activities : *Discussion and Debate: On Indian Secularism *Inquiry based learning Resource : Chalk board Smart borad NCERT BOOK	After completion of the chapter : *Recognize the concept of a Secular State. Know about the features of Secular state . *Compare Western and Indian Model of Secularism. *Make an appraisal of Indian Secularism Skill - Understanding, observation	*NCERT Questions *Chapter exercises *Observation *Oral test *Class-Test
December **Revision**					

Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : POLITICAL SCIENCE

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	**APPLICATION BASED**		**SKILLS:- Understanding Analytical Critical Thinking**	
Chapter -1:Constitution:Why and how? ***Why do we need a Constitution?** ***Constitution alllows cordination and assurenence.** ***Specification of decision making power.** ***Limitations on the powerof limitations .** ***Aspirations and goals and goals of society.** ***The substantive provisions of a constitution.** ***Balanced institutional design.**	*Key aspects of the working of the constitution *Various Institutions of the government in the country and their relationship with each other *Conditions and circumstances in which the constitution of India was made. *Key features of the Indian constitution and oher constitutions of the world.	Students will be able to describe *Definition of Constitution . *Key aspects of the working of constitution . *Conditions and circumstancein which constitution was made *Key features of the Indianand other constitutions. *Appreciate the need for a Constitution.	*Reading of the Preamble *Group Discussions and Debates: What happens in an organization in the absence of a set of rules and regulations to run it. **Resources :** Chalk and board *Smart board NCERT book	*Importance of Constitution. *Critically evaluate how Constitutions,govern the distribution of power in society. *Analyze the ways in which the Constitution have worked in real Politics. SKILLS:- Understanding Analytical and critical thinking skills	*Question strategy
Chapter -2 Rights in the Indian Constitution ***The importance of rights** ***Fundamental rights in the Indian Constitution.** ***Directive principles of state policy.**	*Fundamental Rights enshrined in the constitution of India . *Manner of protection of rights *Comparison between fundamental Rights and duties .	Students will be able to : *Analyze the working of the con-stitution in real life. *Discussion: Rights and types of rights.	*Discussion: Rights, the type of Rights. *Brain storming: Whether directive principles should take precedence over fundamental Rights Resources: Chalk board NCERT book Smart board	*Analyze the working of the the constitution in real life. *Identify violations of the rights to equality and freedom in the society around them. *Importance of Fundamental Rights. SKILLS:- Understanding Analytical	*NCERT Questions

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
JULY **Chapter - 3** **Nomadic Empire** * Introduction * Social and political background * The career of Genghis khan * Social, political and military organisation * Conclusion	* Nomadic society and their institutions. * Career of Genghis khan. * Living patterns of nomadic pastoralist society. * Social, economic ,military and political changes during the period of the descendants of the Genghis khan.	Students will be able to - * Understand the rise and growth of Genghis khan. * Understand Genghis khan as an oceanic ruler. * Distinguish between the Mongolian people's perspective and the world's opinion about Genghis khan.	ACTIVITIES * Discussion about the life of pastoralist society and Genghis khan * Family tree of Genghis khan RESOURCES * Modules on the life of Genghis khan. * Smart board * NCERT Book * Notes * Chalk and board	* Identify the living patterns of the nomadic pastoralist society. * Trace the rise and growth of Genghis khan in order to understand him as an oceanic ruler. * Analyse socio-political and economic changes during the period of the descendants of the Genghis khan.	* Questions and answers * Class Test * Map of Mongol Empire * Family tree of Genghis khan.
AUGUST **Chapter - 4** **The Three Orders** * An introduction to Feudalism *France and England * The second order * The first order * The Third order * New Agricultural Technology * A Fourth order * The Crisis of the 14 th century *Political changes	* The nature of the economy and society of the period and the changes within them. * Meaning the term of feudalism. * The three orders of society. * Church and society * New Agricultural Technology changes by the eleventh century * The crisis of the fourteenth century	Students will be able to - * Understand the meaning of feudalism in France and England. * Explain the nature of the economy and society of the period and the changes within them. * Role of the Church in the society. * New Agricultural Technology changes by the eleventh century.	ACTIVITIES * Picture based activity. RESOURCES * NCERT Book * Chalk and board * Smart board * Notes	* Explain the aspects of feudalism with special reference of first, second, third and fourth order of the society. * Relate between ancient slavery and serfdom. * Assess the fourteenth century Crisis and rise of the nation states. * Understand the nature of the economy and society of this period and the changes within them.	* Discussion on the impact of feudalism. * Questions and answers. * Class Test * Map of Europe

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
SEPTEMBER **Chapter - 5** **Changing Cultural Traditions** *The Revival of Italian Cities. * Universities and Humanism. * Science and Philosophy * Architecture * Debates within Christianity * The Copernican Revolution	* To Explore the intellectual trends and events in the period. * Painting and buildings of the period. * To make a comparative study on women and monuments of Renaissance periods. * Science and different Philosophies at the time of Renaissance.	Students will be able to - * Understand the causes, events and effects of the Renaissance, Scientific Revolution and Age of exploration. * Explain a comparative study on women and monuments of Renaissance periods.	**ACTIVITIES** * Group discussion about the role of women in the Renaissance. **RESOURCES** * Smart board * Chalk and board * NCERT Book * Notes	* Analyse the causes, events and effects of the Renaissance, Reformation, Scientific Revolution and age of exploration. * Relate the different facets of Italian cities to understand the characteristics of Renaissance Humanism and Realism * Compare and contrast the condition of women in the Renaissance period.	* Questions and answers * Picture based questions * Class Test * Map of Italy
OCTOBER					
Chapter - 6:Displacing Indigenous People * European Imperialism * North America * The Native peoples * The Gold Rush and the Growth of Industries * Australia * The winds of changes	* Understand the implications of such processes for the displaced populations. * Reason out the causes of displaced population and it's impact on society. * knowledge about native peoples and Gold Rush.	students will be able to - * Compare and contrast the lives and roles of indigenous people in these continents. * Development of America and Australia to understand Natives condition.	ACTIVITIES * Use of Timeline framework. * Group discussion RESOURCES * NCERT Book * Smart board * Chalk and board	* Reason out the causes of displaced population and it's impact on society. * To analyse the realms of settlement of European in Australia and American. * Evaluate the process of displacementof the native people which led of the development of America and Australia to understand their condition.	* Questions and answers * Timeline * Map of America and Australia * Class Test

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
November					
Chapter -7:Paths To Modernisation * Introduction * Japan * Meiji Restoration * Industrial Workers * Daily life * China * Establishing the Republic * The story of Korean * Two Roads to Modernisation	* Geographical condition of China,Japan and Korea * How notions like Modernization need to be critically assessed. * Discuss the domains of Japanese nationalism. * To understand the nationalist upsurge in China and to learn the era of communism.	students will be able to - * Students aware that transformation in the modern world takes many different forms. * Explore the Japanese political, cultural and economic system prior to and after the Meiji Restoration. * Analyse the Chinese path to Modernization. * Explain the Korean path to Modernization.	ACTIVITIES * Demonstrate an understanding of the concept of modernization and it's application in various forms. RESOURCES *NCERT Book * Smart board * Map of Japan,China and Korea * Chalk and board	* Deduce the histories of China and Japan from the phase of imperialism to Modernization. * Explore the Japanese political, cultural and economic system prior to and after the Meiji Restoration. * Analyse the domains of Japanese nationalism prior after the second world war. * To analyse the Chinese path to Modernization.	* Questions and answers * Demonstration by students * Class Test * Map of Japan, China and Korea
December **Revision**					

chapter 2 olmpic value education	Ancient & modern Olympics (summer and winter), Olympic symbols, Ideals, Objectives, and values , International Olympic Committees, Indian Olympic Association, sports awards and Organization set-up of CBSE sports.	Learner will learn detail about the Olympic movement, ancient Olympic, modern Olympic	•Teacher make groups and make student to seat in the groups thenmake group discussion about modern Olympic andancient Olympicwhich one is better but before thatteacher will explainabout both the Olympics in detail • learn about what was the ideas behind the organizing theseOlympic . and alsovarious sportsawards given in India with different examples with related the sports awards.	• Students have learn about the sports condition in part as well as in present time. • Students have understand how to develop physical and morals qualities by physical activities . • Students have understand the functioning of IOC and IOA to develop sports in the country or in the world	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter 5 :- PHYSICAL FITNESS,WELLNESS AND LIFESTYLE	• Meaning and important of physical fitness , wellness & lifestyle, components of physical fitness and ealth related fitness, preventing health threats ,concept of positive lifestyle.To understand the important of physical fitness and wellness in life. • To understand the various components of physical fitness . • To understand the various method to prevent health related problem. • To understand what are the different component of positive lifestyle	Learner will learn to make awareness towards physical fitness and health . Learner will learn how to work with effectively with joy and happiness.	• An activity will organized to help the learner to know the fitness level (different parameters) • Group discussion about different health problem which we see nearby us.(cardiac problem, hypertension, Diabetes, asthma etc.	• Learner have able to understand the important of physical fitness and health. • Learner have able to understand how they can develop all the components of physical fitness. • Learner have able to identify the various health related problem and their solution or preventing methods or curatives methods.	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 3 yoga	Meaning and importance of yoga , elements of yoga, asana, pranayams, meditation, relaxation techniques for improving concentration. SPECIFIC OBJECTIVES student will be able To understand the meaning and important of yoga To understand the different yoga asana , pranayams . To known the techniques for relaxation and concentration.	• Learner will learn the meaning ofyoga and importance in life. • Learner will learn the difference between yoga and pranayams which helps to maintain physical as well asmentally fit. • Learner will learn the origin of yoga in india. and elements of yoga	•Teacher take student on ground and select 2 or 3 student to perform asana as they instruct to performafter their command. Then teacher explain various asana will students are performing at the same time . • Teacher also explain various therapeutic effects of yoga and history of yoga.	• Learner have learnt the important of yoga in our life. • Learner have learnt how to perform the different yoga asana . • Learner have learnt the different therapeutic effects of different asana • Learner have understand that yoga is a part of Indian old culture and importance in present life .	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 4 PHYSICAL EDUCATION AND SPORTS FOR CWSN	Aims and objectives of adaptive P.E, component of physical fitness, wellness and health related fitness, preventive health threats ,concept of positive lifestyle,.Introduction of P.E,qualities of leader and role, meaning, objectives and types of adventure sports and safty measures .	• Learn will learn to create awareness towards physical activites. • Learn will learn to develops the physicalfitness and wellness.	Teacher explain the different types of physical activity and which types of environment is needed. They create a small adventures activity in ground and explain the detailed things about the safety measures and importances of the physical activities and physical activities.	• Physical activities and the importance's of these activities. • Students have learnt to lead a group of follows the group by participating in adventure activities. • Student have learnt about safety tool which are so helpful in our daily life as well as when we go for adventures activities.	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
chapter 6 :-.TEST AND MESUREMENT IN SPORTS.	General introduction about test, measurement and evaluation , importance of test and measurement, body types and BMI. SPECIFIC OBJECTIVES: student will be able • To understand about test , and it procedure . • To understand the different types of test help us in measuring the fitness level.	•Learner will learn the importance of test and measurement. • Learner will learn the different types of test for different types of person .	Student will take a BMI test of any 10 student and identify the student category in which they belong to. And by these teacher explain the whole process of the text and also the body tyes of student that in which body types belongs to.	• Students have learnt about the ability of there own and its help him to select their sports acoording to their ability. • Students have learnt about the body types and indentify in which category they falls. • Students have learnt to take different types of test and their process to take .	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 7 . FUNDAMENTAL OF ANATOMY AND PHYSIOLOGY and sports	• To understand the anatomy , physiology and its important. • To understand the role of various muscular system,circular system while performing physical activity. • To understand the different between second wind or oxygen dept.	• Learner will learn about the structure and function of body and relationship with system. • Learner will learn the functioning of diffrernt part of the body while performing the activity. • Learn will learn what os second wind and oxygen debt .	Organized physical activity for student and explain them the involvement of various body parts ,how they work together in an activity and effects on internal body organ like circulatory system,respiratory system. And also about the causes and symptoms of second wind and oxygen debt.	• Student have learnt to understand the working of various system of body and their functioning during the physical activity. • Students have learnt how to control over the stage of oxygen debt and second wind .	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
chapter 8 Fundamental of kinsiology and biomechnics in sports	Meaning and importance of biomechanics, levers and its types and its applications in sports, equilibrium and its types , centre of gravity and its application In sports,forcescentrifugal and centripetal , buoyancy force. SPECIFIC OBJECTIVES: student will be able: • understand the meaning of biomechanics and its importance • law of motion and its application its sports. • leavers and its types and were its is benefited in human body . • Equilibrium in sports , various force acting on human body while performing sports activity	• Students will learn to understand the different law of motion and improve their ability to perform activity. • Students will learn where levers are found in skeletal system which helps In activities or movement.	• Group discussion about diffrent sports and skill of the game which force or action in used and how can we control our movement while performing the skills. • Explanations about the unit with practical examples because in every sports and skill involved various rules of physics like law of motion , gravity, forces,etc.	• Students have learn the different type of motion and in which sports activity which types of law is applied . • Students have learn about the body part and which laws are used for the movement of body and help in improve the functioning of the body parts. •Students have learn how we improves our body balance and stability . moreover it reduce injury form the impact.	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 9 Psychology and sports	Relation between mind and body, behavior , attitude, interest , purpose of sports psychology, stress . SPECIFIC OBJECTIVE student will be able : •To understand psychology and sports psychology and importance in sports. •To understand the growth and development and different stages of growth. •To understand adolescence changes and problems of adolescence. • To find management of adolescence problems.	• Student will learn the importance of psychology in sports. • Students will learn the term growth and different between growth and development and different stage of growth. • Students will learn the growing period of childhood to maturity and physical and mental change in this stage. • learner will learn the management of adolescence problems.	Teacher will explain the importance of psychology and how it increasing the performance in sports and techniques used in psychology to make the best selection. In this chapter learn also learn the growth and development and different stages of it and what type of changes come in the life during this period of growth and what type of management skill are their.	• learner have learnt the behavior of individual and how performance can be increases by this. • learner have able to about different stages of growth and how the changes can be manage and stability of mind can be maintain . • learner have able to manage the adolescence problem and mental and physically changes in their body. • learner have learnt how to overcome from the decline performance in their daily life works .	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 10 Traning and doping in sports	General introduction, meaning and types of doping,prohibited substance and methods, side effects of prohibited substance, ergogenic aid and doping in sports, doping control procedure and Athletes responsibility. Students will be able to: • Learn the meaning and types of doping know the prohibited substances and method of doping • understand the side effect of prohibited substances, describe the ergogenic aids and doping in sports, • know the doping control procedure and athletes responsibility.	• To make student understand and realize the harmful effects of doping. • Students will spread awareness to avoid use of prohibited substances • They will develop their critical thinking skill after having discussion on various drugs used to improve performance.	• Teacher will explain the meaning and causes of doping and various types of doping that can be used by athletes to enhance performance and its adverse side effects over health. • Students will follow a group discussion based on side effects of doping which increase the performance and it addictive effects over health.	• Students have learnt about various doping substances . • Students have learnt to understand the side effects of doping substance. • Students can identify drugs and their toxic effects over health . • Students used their knowledge to create awareness about the same	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given

Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : HISTORY

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	APPLICATION BASED			
Chapter - 1 Writing and the City life * Mesopotamia and it's Geography * The significance of urbanism * Movement of goods into cities * The development, system uses of writing * Urbanisation in southern Mesopotamia * A trading town in a pastoral zone * The legacy of writing	* Knowledge about the civilization of Mesopotamia * Geographical, social, economic condition of the civilization. * Understand the development of writing. * To discuss whether writing is significant as a marker of civilization. * Importance of writing in the world.	Students will be able to - * Understand the meaning of Mesopotamia. * Explain the condition of Mesopotamia in different fields. * Explain the connection between the growth of human civilization and tradition of writing.	**ACTIVITIES** * Quiz * Group discussion to discuss whether writing is significant as a marker of civilization. **RESOURCES** * NCERT Book * Smart board * Chalk and board * Map of Mesopotamia * Concept map	* Understand the concept of chronology. * Understand the connection between City life and culyof contemporary civilization through their writings. * Explain the connection between the growth of human civilization and the tradition of writing. * knowledge about the importance of writing. * Emergence of cities.	* Questions and Answers (NCERT) *Quiz * Class Test * Debate on the development of Mesopotamian civilization.
Chapter - 2: A Empire Across Three Continents * The Early Empire * The Third century crisis * Gender, Literacy, culture * Economic Expansion * Controlling workers * Social Hierarchies * Late Antiquity	* Introducing the periods of the Empires. * To familiarise the learner with the dynamics of the Roman Empire history of a major world Empire. * To discuss the cultural transformation in that period and impact of the slavery in development of a country.	students will be able to - * understand the features of Roman Empire. * Explain the cultural transformation in Roman Empire. * Third century crisis. * Impact of the slavery in development of a country.	ACTIVITIES * Picture based activity. RESOURCES * Map * Smart board * Chalk and board * Modules * NCERT Book	* Explain and relate the dynamics of the Roman Empire in order to understand their polity, economy, society and culture. * Analyse the implications of Roman's contacts with the subcontinent empires and discuss about slavery. * Examine the impact of slavery.	* Quiz * Concept map * Class assessment * Oral test * Picture based questions

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
The art during Mauryan, Shunga, Kushana and Gupta periods	Students will learn about the art during the period of King Ashoka	Paintings of Lion Capital of Sarnath and National emblem of India	Paintings of Lion Capital of Sarnath and National emblem of India	Students will get knowledge of National Emblem	Assesment on the topic will be given
The art of Ajanta caves	Students will learn about the history, origin and development of Art of Ajanta Caves starting from the wall paintings	Wall paintings related to Buddha and Chaitanyas and Viharas	Wall paintings related to Buddha and Chaitanyas and Viharas	Students will learn about the Jataka stories	Assesment on the topic will be given
MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Artistic aspects of Indian Temple Sculptures	Students will learn about the famous Temple Sculptures of India	Students will learn about the famous Mahadeva Temple	Outdoor paintings of Famous Temples	Students will get knowledge of National Emblem	Assesment on the topic will be given
Indian Bronze Sculptures	Students will learn about the history of Indian bronze sculptures belonging to Kushana and Gupta Periods	Students will learn about the technique of Lost Wax process	Show techniques of solid and hollow metal castings	Students will learn about Indus valley civilization	Assesment on the topic will be given
Some Artistic aspects of Indo-Islamic architecture	Students will learn about famous monuments of India and the history behind these	Painting of any famous monument	Visit to a famous Indian monument	Students will learn about the history behind famous monuments	Assesment on the topic will be given

Blooming Dales School, Hisar

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Class - XI

SUBJECT : FINE ARTS

MONTHS: APRIL & MAY					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Art an Introduction	Students will learn about the elements of Art	Students will learn about line shape and form	Sketching	Students will improve motor skills	Assesment on the topic will be given
Art and the Culture	Students will learn about six limbs of Art	Students will learn about different limbs of Art and their meaning	Sketching and Painting	Students will learn about colour definitions	Assesment on the topic will be given
Origin and Development of Different forms of Art in India	Students will learn about the history, origin and development of Art in India	Students will learn about when and how paintings started	Daily Life composition	Students will learn about illustrations	Assesment on the topic will be given
MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Pre historic rock paintings	Students will learn about the pre historic cave paintings	Paintings of Bhimbetka	Rock paintings	Students will learn about illustrations	Assesment on the topic will be given
Art of Indus valley	Students will learn about the history, origin and development of Art of Indus valley- 2 major cities of Harappa & Mohenjodaro	Students will learn about when and how paintings started	Daily Life composition	Students will learn about illustrations	Assesment on the topic will be given

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
The art during Mauryan, Shunga, Kushana and Gupta periods	Students will learn about the art during the period of King Ashoka	Paintings of Lion Capital of Sarnath and National emblem of India	Paintings of Lion Capital of Sarnath and National emblem of India	Students will get knowledge of National Emblem	Assesment on the topic will be given
The art of Ajanta caves	Students will learn about the history, origin and development of Art of Ajanta Caves starting from the wall paintings	Wall paintings related to Buddha and Chaitanyas and Viharas	Wall paintings related to Buddha and Chaitanyas and Viharas	Students will learn about the Jataka stories	Assesment on the topic will be given
MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Artistic aspects of Indian Temple Sculptures	Students will learn about the famous Temple Sculptures of India	Students will learn about the famous Mahadeva Temple	Outdoor paintings of Famous Temples	Students will get knowledge of National Emblem	Assesment on the topic will be given
Indian Bronze Sculptures	Students will learn about the history of Indian bronze sculptures belonging to Kushana and Gupta Periods	Students will learn about the technique of Lost Wax process	Show techniques of solid and hollow metal castings	Students will learn about Indus valley civilization	Assesment on the topic will be given
Some Artistic aspects of Indo-Islamic architecture	Students will learn about famous monuments of India and the history behind these	Painting of any famous monument	Visit to a famous Indian monument	Students will learn about the history behind famous monuments	Assesment on the topic will be given

Blooming Dales School, Hisar

Session - 2025-26

Annual Curriculum Pedagogy Assessment Plan

Class - XI

SUBJECT : PHYSICAL EDUCATION

MONTHS: APRIL & MAY

CHAPTER / TOPIC	LEARNING OBJECTIVE		ACTIVITIES & RESOURCES	EXPECTED LEARNING OUTCOMES	ASSESSMENTS
	KNOWLEDGE BASED	APPLICATION BASED			
chapter 1 :- CHANGING TRANDS & CAREER IN PHYSICAL EDUCATIO	Meaning and definition of physical education, aim and objectives , changing trends, career options in P.E, skill required for P.E. • SPECIFIC OBJECTIVES:- will be able To understand the meaning of P.E and aims & objective. •To understand the development of P.E in India To understand the concept of integrated P/E and Adapted P.E. To understand the P.E as career or profession and various training insutitution who runnin physical education courses.	•Learner will learn the meaning of physical education and develop good health and mind •Learner will lean the development physical education after the independence and schemes plans policies by government of India . •Learner will learn the relevance of A simple physical activity will be organized for the students (games or general activity) after that the simple question were asks to students related to their experience about the activity. Teacher explain the development of physical education in India after the independence . The class will be divided into groups . each group will be asked to relevant the physical with other subjects and talk about different types of activities in Learner have learnt to maintain their health and fallow proper routine in daily life. • able to understand the development of physical education in India and various policies of government for the development of P.E. Learner have learnt how to organized a physical activity for the disable people and important of P.E in academic. •Learner have learnt about various careers option in physical education and also about different institution which are running these courses in India.	A simple physical activity will be organized for the students (games or general activity) after that the simple question were asks to students relatedto their experience about the activity.Teacher explain the development of physical education in India after the independence .The class will be divided into groups . each group will be asked to relevant the physical with other subjects and talk about different types of activities in Para Olympics (likerules and regulation are different games.) Also teacher will explain the various career or profession in physical education and which all institution are running these physical education courses in India.	Learner have learnt to maintain their health and fallow proper routine in daily life. Learner have able to understand the development of physical education in India and various policies of government for the development of P.E. Learner have learnt how to organized a physical activity for the disable people and important of P.E in academic. Learner have learnt about various careers option in physical education and also about different institution which are running these courses in india	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
The art during Mauryan, Shunga, Kushana and Gupta periods	Students will learn about the art during the period of King Ashoka	Paintings of Lion Capital of Sarnath and National emblem of India	Paintings of Lion Capital of Sarnath and National emblem of India	Students will get knowledge of National Emblem	Assesment on the topic will be given
The art of Ajanta caves	Students will learn about the history, origin and development of Art of Ajanta Caves starting from the wall paintings	Wall paintings related to Buddha and Chaitanyas and Viharas	Wall paintings related to Buddha and Chaitanyas and Viharas	Students will learn about the Jataka stories	Assesment on the topic will be given
MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Artistic aspects of Indian Temple Sculptures	Students will learn about the famous Temple Sculptures of India	Students will learn about the famous Mahadeva Temple	Outdoor paintings of Famous Temples	Students will get knowledge of National Emblem	Assesment on the topic will be given
Indian Bronze Sculptures	Students will learn about the history of Indian bronze sculptures belonging to Kushana and Gupta Periods	Students will learn about the technique of Lost Wax process	Show techniques of solid and hollow metal castings	Students will learn about Indus valley civilization	Assesment on the topic will be given
Some Artistic aspects of Indo-Islamic architecture	Students will learn about famous monuments of India and the history behind these	Painting of any famous monument	Visit to a famous Indian monument	Students will learn about the history behind famous monuments	Assesment on the topic will be given

chapter 2 olmpic value education	Ancient & modern Olympics (summer and winter), Olympic symbols, Ideals, Objectives, and values , International Olympic Committees, Indian Olympic Association, sports awards and Organization set-up of CBSE sports.	Learner will learn detail about the Olympic movement, ancient Olympic, modern Olympic	•Teacher make groups and make student to seat in the groups thenmake group discussion about modern Olympic andancient Olympicwhich one is better but before thatteacher will explainabout both the Olympics in detail • learn about what was the ideas behind the organizing theseOlympic . and alsovarious sportsawards given in India with different examples with related the sports awards.	• Students have learn about the sports condition in part as well as in present time. • Students have understand how to develop physical and morals qualities by physical activities . • Students have understand the functioning of IOC and IOA to develop sports in the country or in the world	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given

MONTHS: JULY & AUGUST					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
Chapter 5 :- PHYSICAL FITNESS,WELLNESS AND LIFESTYLE	• Meaning and important of physical fitness , wellness & lifestyle, components of physical fitness and ealth related fitness, preventing health threats ,concept of positive lifestyle.To understand the important of physical fitness and wellness in life. • To understand the various components of physical fitness . • To understand the various method to prevent health related problem. • To understand what are the different component of positive lifestyle	Learner will learn to make awareness towards physical fitness and health . Learner will learn how to work with effectively with joy and happiness.	• An activity will organized to help the learner to know the fitness level (different parameters) • Group discussion about different health problem which we see nearby us.(cardiac problem, hypertension, Diabetes, asthma etc.	• Learner have able to understand the important of physical fitness and health. • Learner have able to understand how they can develop all the components of physical fitness. • Learner have able to identify the various health related problem and their solution or preventing methods or curatives methods.	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 3 yoga	Meaning and importance of yoga , elements of yoga, asana, pranayams, meditation, relaxation techniques for improving concentration. SPECIFIC OBJECTIVES student will be able To understand the meaning and important of yoga To understand the different yoga asana , pranayams . To known the techniques for relaxation and concentration.	• Learner will learn the meaning ofyoga and importance in life. • Learner will learn the difference between yoga and pranayams which helps to maintain physical as well asmentally fit. • Learner will learn the origin of yoga in india. and elements of yoga	•Teacher take student on ground and select 2 or 3 student to perform asana as they instruct to performafter their command. Then teacher explain various asana will students are performing at the same time . • Teacher also explain various therapeutic effects of yoga and history of yoga.	• Learner have learnt the important of yoga in our life. • Learner have learnt how to perform the different yoga asana . • Learner have learnt the different therapeutic effects of different asana • Learner have understand that yoga is a part of Indian old culture and importance in present life .	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 4 PHYSICAL EDUCATION AND SPORTS FOR CWSN	Aims and objectives of adaptive P.E, component of physical fitness, wellness and health related fitness, preventive health threats ,concept of positive lifestyle,.Introduction of P.E,qualities of leader and role, meaning, objectives and types of adventure sports and safty measures .	• Learn will learn to create awareness towards physical activites. • Learn will learn to develops the physicalfitness and wellness.	Teacher explain the different types of physical activity and which types of environment is needed. They create a small adventures activity in ground and explain the detailed things about the safety measures and importances of the physical activities and physical activities.	• Physical activities and the importance's of these activities. • Students have learnt to lead a group of follows the group by participating in adventure activities. • Student have learnt about safety tool which are so helpful in our daily life as well as when we go for adventures activities.	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given

MONTHS: SEPTEMBER & OCTOBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
chapter 6 :-.TEST AND MESUREMENT IN SPORTS.	General introduction about test, measurement and evaluation , importance of test and measurement, body types and BMI. SPECIFIC OBJECTIVES: student will be able • To understand about test , and it procedure . • To understand the different types of test help us in measuring the fitness level.	•Learner will learn the importance of test and measurement. • Learner will learn the different types of test for different types of person .	Student will take a BMI test of any 10 student and identify the student category in which they belong to. And by these teacher explain the whole process of the text and also the body tyes of student that in which body types belongs to.	• Students have learnt about the ability of there own and its help him to select their sports acoording to their ability. • Students have learnt about the body types and indentify in which category they falls. • Students have learnt to take different types of test and their process to take .	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 7 . FUNDAMENTAL OF ANATOMY AND PHYSIOLOGY and sports	• To understand the anatomy , physiology and its important. • To understand the role of various muscular system,circular system while performing physical activity. • To understand the different between second wind or oxygen dept.	• Learner will learn about the structure and function of body and relationship with system. • Learner will learn the functioning of diffrernt part of the body while performing the activity. • Learn will learn what os second wind and oxygen debt .	Organized physical activity for student and explain them the involvement of various body parts ,how they work together in an activity and effects on internal body organ like circulatory system,respiratory system. And also about the causes and symptoms of second wind and oxygen debt.	• Student have learnt to understand the working of various system of body and their functioning during the physical activity. • Students have learnt how to control over the stage of oxygen debt and second wind .	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given

MONTHS: NOVEMBER & DECEMBER					
CHAPTER / TOPIC	**LEARNING OBJECTIVE**		**ACTIVITIES & RESOURCES**	**EXPECTED LEARNING OUTCOMES**	**ASSESSMENTS**
	KNOWLEDGE BASED	**APPLICATION BASED**			
chapter 8 Fundamental of kinsiology and biomechnics in sports	Meaning and importance of biomechanics, levers and its types and its applications in sports, equilibrium and its types , centre of gravity and its application In sports,forcescentrifugal and centripetal , buoyancy force. SPECIFIC OBJECTIVES: student will be able: • understand the meaning of biomechanics and its importance • law of motion and its application its sports. • leavers and its types and were its is benefited in human body . • Equilibrium in sports , various force acting on human body while performing sports activity	• Students will learn to understand the different law of motion and improve their ability to perform activity. • Students will learn where levers are found in skeletal system which helps In activities or movement.	• Group discussion about diffrent sports and skill of the game which force or action in used and how can we control our movement while performing the skills. • Explanations about the unit with practical examples because in every sports and skill involved various rules of physics like law of motion , gravity, forces,etc.	• Students have learn the different type of motion and in which sports activity which types of law is applied . • Students have learn about the body part and which laws are used for the movement of body and help in improve the functioning of the body parts. •Students have learn how we improves our body balance and stability . moreover it reduce injury form the impact.	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 9 Psychology and sports	Relation between mind and body, behavior , attitude, interest , purpose of sports psychology, stress . SPECIFIC OBJECTIVE student will be able : •To understand psychology and sports psychology and importance in sports. •To understand the growth and development and different stages of growth. •To understand adolescence changes and problems of adolescence. • To find management of adolescence problems.	• Student will learn the importance of psychology in sports. • Students will learn the term growth and different between growth and development and different stage of growth. • Students will learn the growing period of childhood to maturity and physical and mental change in this stage. • learner will learn the management of adolescence problems.	Teacher will explain the importance of psychology and how it increasing the performance in sports and techniques used in psychology to make the best selection. In this chapter learn also learn the growth and development and different stages of it and what type of changes come in the life during this period of growth and what type of management skill are their.	• learner have learnt the behavior of individual and how performance can be increases by this. • learner have able to about different stages of growth and how the changes can be manage and stability of mind can be maintain . • learner have able to manage the adolescence problem and mental and physically changes in their body. • learner have learnt how to overcome from the decline performance in their daily life works .	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given
chapter 10 Traning and doping in sports	General introduction, meaning and types of doping,prohibited substance and methods, side effects of prohibited substance, ergogenic aid and doping in sports, doping control procedure and Athletes responsibility. Students will be able to: • Learn the meaning and types of doping know the prohibited substances and method of doping • understand the side effect of prohibited substances, describe the ergogenic aids and doping in sports, • know the doping control procedure and athletes responsibility.	• To make student understand and realize the harmful effects of doping. • Students will spread awareness to avoid use of prohibited substances • They will develop their critical thinking skill after having discussion on various drugs used to improve performance.	• Teacher will explain the meaning and causes of doping and various types of doping that can be used by athletes to enhance performance and its adverse side effects over health. • Students will follow a group discussion based on side effects of doping which increase the performance and it addictive effects over health.	• Students have learnt about various doping substances . • Students have learnt to understand the side effects of doping substance. • Students can identify drugs and their toxic effects over health . • Students used their knowledge to create awareness about the same	• Case studies • Observation • Oral test • Class -Test • Assesment on the topic will be given