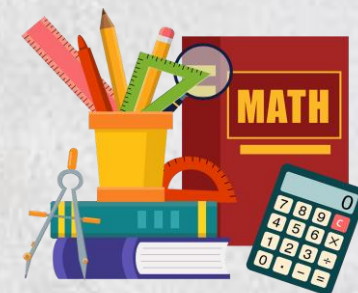




ST. PATRICK'S

Sr. Sec. School, Jaunpur

*Academic
Year
2025-26*



Yearly Syllabus

CLASS - IX

English Language & Literature (184)

Month	Chapters	Activity / Project
April	Prose 1. The Portrait of a Lady 2. The Summer of a Beautiful White Horse Poetry 1. A Photograph Writing 1. Posters Grammar 1. Tenses	➤ Present a pen picture of your grandparents describing their qualities you admire and appreciate the most.
May	Prose 1. The Address 2. We're not afraid to Die...if we can be together Poetry 1. The Laburnum Top Writing 1. Speech Grammar 1. Re-ordering	➤ learn the parts of ship and different terms/words related to voyage.
July	Prose 1. Discovering Tut: The Saga Continues 2. The Adventure 3. Mother's Day Poetry 1. The Voice of the Rain Reading 1. Note Making	➤ Prepare a project on 'Mother' comprising the collections of either self-written compositions or newspaper cuttings /famous speeches.
August	Prose 1. Silk Road Grammar 1. Clauses Writing 1. Advertisements (Classifieds)	Art Integrated Activity : Prepare a poster on promoting Tourism of Arunachal Pradesh.
September	Half Yearly Examination Begins	

October	Prose 1. Birth Writing 1. Debate 2. Practice of Integrated Grammar Poetry 1. Childhood	Write a brief note on 'Childhood is an essential state in the process of growing up, but it can't go on forever.'
November	Pre - Annual Examination	
December	Prose 1. Tale of a Melon City 2. Revision of Entire Syllabus Begins Poetry 1. Father to Son	Write a note on the foolish decisions taken by the ancient kings and rulers that resulted in disastrous consequences.
January	Revision	
February	Annual Examination Begins	

Hindi Course- A (002)

Physics (042)

Month	Chapters	Activity/Project
April	Chapter-1: Units and Measurements	Exp 1 – To measure Diameter of a small spherical/cylindrical body and to measure the internal diameter and depth of a given beaker/calorimeter using vernier caliper and hence find its volume.
May	Chapter-2: Motion in Straight Line	Exp 2– To measure the diameter of a given wire and thickness of a given sheet using screw gauge. ART INTEGRATED PROJECT Design a blueprint in the form of power point presentation to create a working model with innovative idea for upcoming Science Exhibition
	Chapter-3: Motion in a Plane	
July	Chapter-4: Laws of Motion	Exp 3 – To find the weight of a given body using parallelogram law of vectors. Activity 1– To make a paper scale of given least count, example 0.2cm,0.5cm Activity 2 – To study the Variation in range of a Projectile with angle of projection.
	Chapter-5: Work, Energy and Power	
August	Chapter-6: System of Particles and Rotational Motion	Exp4– To study the variation of time period of a simple pendulum of a given length by taking bobs of same size but different masses and interpret the result. Activity 3– To study dissipation of energy of a simple pendulum by plotting a graph Between square of amplitude and time.
	Chapter-7: Gravitation	
SEPTEMBER	Revision and Term-I Begins	
October	Chapter-9 Mechanical Properties of Fluids	Exp5–To determine the radius of curvature of a given spherical surface by a Spherometer. Exp 6– Using a simple pendulum, plot its $L-T^2$ graph and use it to find the effective length of seconds pendulum. Activity4– To observe change of state and plot a cooling curve for molten wax
	Chapter-10: Thermal Properties of Matter	
November	Pre-Annual Examination Begins	
	Chapter-II: Thermodynamics	Exp 7– To find the force constant of a helical spring by plotting a graph between load and extension

December	<p>Chapter-12: Kinetic Theory</p> <p>Chapter-13: Oscillation</p>	<p>ART INTEGRATED ACTIVITY</p> <p>MODE: Model</p> <p>PRESENTATION: 5 minutes' talk</p> <p>TOPIC: Prepare model based on Bernoulli's Principle</p> <p>Exp 8 – To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body.</p> <p>Activity 5 – To observe and explain the effect of heating on a bi-metallic strip.</p> <p>Activity 6– To study the factors affecting the rate of loss of heat of a liquid.</p>
January	Chapter-14: Waves & Revision	
February	Annual Examination Begins	

Chemistry (043)

Month	Chapters	Activity / Project
April	Chapter-1: Some Basic concepts of Chemistry	Activity-1: Preparation of standard solution of Oxalic Acid.
May	Chapter-2: Structure of Atom.	
		Activity-2: Learning of Modern Periodic Table using mnemonics.
July	Chapter-3: Classification of Elements and Periodicity in properties. Chapter 4: Chemical bonding & Molecular structure	ART (art integrated activity): Presentation based on any one topic of the chapter. Time limit- 5 mins
September	Half Yearly Examination Begins	
October	Chapter-5: Chemical Thermodynamics	Activity-3: Determination one cation and one anion in the given solid.
November	Pre Annual Examination Begins	
	Chapter-7: Redox Reactions.	Activity-4: Study on galvanic cell.
December	Chapter-6: Equilibrium Chapter 8: Organic chemistry-some basic principles & techniques	Activity-5: Study the shift in Equilibrium between ferric ions and thiocyanate ions by increasing / decreasing the concentration of either of the ions. ART (art integrated activity): Activity Title: "Balance in Nature and Chemistry" – Equilibrium Poster/Model Making Subject: Chemistry (Chemical Equilibrium) Integrated with: Visual Arts (Poster/Model Design) Objective: To help students understand the concept of equilibrium in chemistry by visually representing how balance is maintained in chemical reactions and in nature.
January	Chapter-9: Hydrocarbons Revision	Activity-6: Determination of melting point and boiling point of an organic compounds. Investigatory project on any one topic given by CBSE.
February	Annual Examination Begins	

Biology (044)

Month	Chapters	
April	Chapter-1: The Living World Chapter-2: Biological Classification	1. Parts of a compound microscope. 2. Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.
May	Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom	1. 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
July	Chapter-5: Morphology of Flowering Plants Chapter-6: Anatomy of Flowering Plants Chapter-7: Structural Organisation in Animals	1. 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). 2. Preparation and study of T.S. of dicot and monocot roots and stems (primary). 3. Different types of inflorescences (cymose and racemose).
August	Chapter-8: Cell-The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division	1. Study of osmosis by potato osmometer. 2. Study of plasmolysis in epidermal peels (e.g. Rhoeo /lily leaves or flashy scale leaves of onion bulb) ART INTEGRATED ACTIVITY Make a power point presentation on flora & fauna of Arunachal Pradesh including taxonomy, morphology, diagrams, importance etc. (include 5 examples of flora & 5 examples of fauna) ACTIVITY 1. Mitosis in onion root tip cells and animal cells (grasshopper) from permanent slides.
September	Half Yearly Examination Begins	
October	Chapter-11: Photosynthesis in Higher Plants Chapter-12: Respiration in Plants Chapter-13: Plant - Growth and Development	1. Separation of plant pigments through paper chromatography. 2. Study of distribution of stomata on the upper and lower surfaces of leaves. 3. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves
November	Pre-Annual Examination Begins	
	Chapter-14: Breathing and Exchange of Gases Chapter-15: Body Fluids and Circulation	3. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.

December	<p>Chapter-16: Excretory Products and their Elimination</p> <p>Chapter-17: Locomotion and Movement</p>	<p>1.Test for presence of urea in urine. 2. Test for presence of sugar in urine. 3. Test for presence of albumin in urine. 4. Test for presence of bile salts in urine. 5. Human skeleton and different types of joints with the help of virtual images/models only.</p>
January	<p>Chapter-18: Neural Control and Coordination</p> <p>Chapter-19: Chemical Coordination and Integration</p> <p>REVISION</p>	<p>ART INTEGRATED ACTIVITY</p> <p>MODE: Model & Chart, PRESENTATION: 5 minutes' talk TOPIC: Prepare model / charts of various physiological processes in plants and animals.</p>
February	Annual Examination Begins	

Accountancy (055)

Month	Chapters	Activity/Project
April	1. Introduction to Accounting 2. Basic Accounting Terms 3.Theory Base of Accounting, Accounting Standards, and Indian Accounting Standards (Ind-AS)	Project Work (Any One) 1. Students will create a scrapbook or collage of different types of source documents such as cash memos, bills, cheques, debit/credit notes, etc. 2. Preparation of Bank Reconciliation Statement with the given cash book and the passbook with twenty to twenty-five transactions. 3. Comprehensive project of any sole proprietorship business. This may be related with journal entries and their ledgering, preparation of Trial balance, Trading and Profit and Loss Account and Balance Sheet. Expenses, incomes and profit (loss), assets and liabilities are to be depicted using pie chart / bar diagram. This may include simple GST-related transactions. Art Integrated Activity TERM-1 1.Introduction to Accounting: Poster Making – Evolution of Accounting with traditional Indian symbols (e.g., coins, palm leaves, Mahajan records) 2.Rules of Debit and Credit: Types of Accounts Wheel – 3-part pie chart with rules and examples; Decorate each section with traditional Indian art patterns (e.g., Gond, Madhubani, Warli). Art Integrated Activity TERM-2 1.GST Poster – GST structure (CGST, SGST, IGST) with Indian symbols and real-life examples.
May	4. Bases of Accounting 5. Accounting Equations 6. Accounting Procedures	
July	7. Preparation of Vouchers 8. Journal 9. Ledger	
August	10. Cash Book 11. Special Purpose Book-II 13. Bank Reconciliation Statement	
September	Half-Yearly Examination	
October	12. Goods and Service Tax 14. Trial Balance 15. Depreciation 16. Provisions and Reserves	
November	Pre-Annual Examination	
December	17. Rectification of Errors 18. Financial Statement -I	
January	19. Financial Statement -II 20. Accounts for Incomplete Records	
February	Annual Examination Begins	

Economics (030)

Month	Chapters	Activity / Project
April	Statistics for Economics- ➤ Introduction ➤ Collection of data ➤ Organization of data Introductory Micro Economics- ➤ Introduction ➤ Consumer's Equilibrium- meaning of utility, marginal utility, law of diminishing marginal utility	ART INTERGRATED ACTIVITY Conduct a research and prepare a report on popularity of fast food among the children using primary data by- ➤ Designing a questionnaire. ➤ Collection of data. ➤ Classification of data.
May	Statistics- ➤ Presentation of data Introductory Micro Economics- ➤ Consumer's Equilibrium (continues...) Demand	➤ Presentation of data collected by the survey.
July	Introductory Micro Economics- ➤ Price Elasticity of demand Statistics-Measures of central tendency ➤ Arithmetic Mean, Median, Mode	➤ Panel discussion on the price rise and its effect on demand in the current scenario.
August	Statistics- ➤ Correlation- meaning and properties, scatter diagram; ➤ Measures of Correlation - Karl Pearson's method (two variables ungrouped data). Introductory Micro Economics-Producer behavior and supply - ➤ Total product, Average Product and Marginal product Returns to a Factor.	➤ Prepare a detailed report on producer behavior with the help of an example of a production unit.
September	Half Yearly Examination	
October	Statistics- ➤ Correlation contd... Spearman's rank Correlation. ➤ Introduction to Index Numbers- meaning, types- Wholesale price Index, Consumer Price Index	➤ To prepare a project on any one topic according to the guidelines given by CBSE.
November	Pre-Annual Examination Begins Introductory Micro Economics- ➤ Cost ➤ Revenue ➤ Producer's Equilibrium ➤ Supply	ART INTERGRATED ACTIVITY Project work on cost and revenue analysis of any branded cosmetic.

December	Statistics – ➤ Index numbers Continues. ➤ Index of industrial production, uses of index numbers; Inflation and index numbers	Completion of the project.
January	Introductory Micro Economics – ➤ Forms of market and price Determination under perfect competition with simple applications ➤ Revision	
February	Annual Examination Begins	

Business Studies (054)

Month	Chapters	Activity/Project
April	1.Nature and Purpose of Business	Project Work (Any Two) 1. (Comprehensive Business Plan) Students prepare the regular business project (e.g., setting up a café). 2.Project Work – WTO Poster on WTO: Illustrate India's role in WTO, highlighting trade agreements, challenges, and opportunities using Indian art forms and maps. 3. Project Work – SEBI Infographic on SEBI: Create a visual representation of SEBI's role in regulating the stock market and protecting investors, using creative art elements like scales, stock graphs, etc. Art Integrated Activity TERM-1 Social Responsibility and Business Ethics Case Study Poster – CSR by Indian company (e.g., TATA) with logos, symbols (tree, school) Business Services Poster / Case Study – Courier vs Postal services comparison with logos, delivery sketches Art Integrated Activity TERM-2 Internal Trade Venn Diagram – Online vs. Traditional shopping with illustrated storefronts and app logos International Business Creative Map Poster – Show adaptation of global brands (McDonald's India menu, IKEA designs)
May	2. Forms of Business Organisations	
July	3. Public, Private and Global Enterprises	
	4. Business Services	
August	5. Emerging Modes of Business	
	6. Social Responsibility of Business and Business Ethics	
September	Half-Yearly Examination	
October	7. Sources of Business Finance 8. Small Business and Enterprises	
November	Pre-Annual Examination	
December	9. Internal Trade	
January	10. International Business	
February	Annual Examination Begins	

Computer Science (083)

Month	Chapter	Activity
April	Unit 1: computer systems and organisation <ul style="list-style-type: none"> ➤ Basic computer organization ➤ Types of software ➤ Operating System ➤ Boolean logic ➤ Number System ➤ Encoding Schemes 	<ul style="list-style-type: none"> ➤ Logic Gates & circuits ➤ Number system conversion ➤ Solving expression through Truth Table & circuit diagram.
May	Unit 2: Computational Thinking and Programming - I <ul style="list-style-type: none"> ➤ Introduction to Problem-solving ➤ Basics of Python programming: ➤ Knowledge of data types ➤ Operators ➤ Types of Errors 	<ul style="list-style-type: none"> ➤ Preparation of Algorithms and Flowcharts. ➤ Hands on Activity of using data types, operators, variables.
July	<ul style="list-style-type: none"> ➤ Expressions, statement, type conversion, and input/output statements. ➤ Flow of Control ➤ Conditional statements ➤ Iterative Statement ➤ Strings 	<ul style="list-style-type: none"> ➤ Type conversion ➤ Practical implementation of conditional & Iterative statements in Python. ➤ Practical implementation of Strings in Python.
August	<ul style="list-style-type: none"> ➤ List ➤ Tuples 	Practical implementation of list & Tuples in Python. ART INTEGRATED ACTIVITY <ul style="list-style-type: none"> ➤ To implement the basic calculator with arithmetic operations. ➤ To make project for password generation/currency convertor.
September	Half Yearly Examination	
October	<ul style="list-style-type: none"> ➤ Dictionary ➤ Introduction to Python modules 	Practical implementation of Dictionary and functions in Python.
November	Pre-Annual Examination Begins	Project-work in Python (Coding & documentation).
December	Unit 3: Society, Law and Ethics <ul style="list-style-type: none"> ➤ Digital Footprints ➤ Digital Society and Netizen ➤ Data Protection ➤ Cyber Crime, Cyber safety 	ART INTEGRATED ACTIVITY <ul style="list-style-type: none"> ➤ Prepare Presentation on Digital Security/ Cyber Crime/ Use of Robots in industrial fields. ➤ Solution to Any real world problem statement (SDG Goals) using Python Code.
January	<ul style="list-style-type: none"> ➤ Malware 	

	<ul style="list-style-type: none">↗ E-waste management↗ IT Act↗ Technology and society Revision	
February	Annual Examination Begins	

Physical Education (048)

Month	Chapters	Activity/Project/Art Integrated Project
April	UNIT-1 Changing Trends & Career in Physical Education	ART INTEGRATED PROJECT Make a project of any three carriers in physical education
May	UNIT-2 Olympic Value Education	ACTIVITY-1 Practical-2: Procedure for Asanas, Benefits & Practical-1: Fitness tests administration. (SAI Khelo India Test) Contraindication for any two Asanas for each lifestyle disease. Practical-3: Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skills
July	UNIT-3 Yoga UNIT-4 Physical Education & Sports for CWSN	
August	UNIT- 5 Physical Fitness, Wellness UNIT-6 Test, Measurements & Evaluation	
September	Half Yearly Examination Begins	
October	UNIT-7 Fundamentals of Anatomy and Physiology in Sports UNIT-8 Fundamentals of Kinesiology and Biomechanics in Sports	ART INTEGRATED PROJECT Make a Project on Comparison between the sports facilities of Arunachal Pradesh and Uttar Pradesh
November	PRE-ANNUAL EXAMINATION UNIT-9 Psychology and Sports	
December	UNIT- 10 Training & Doping in Sport	Activity 2 Make a Poster of all the enlisted Prohibited Substances banned by WADA which helps in enhancing the performance of an athlete.
January	Revision	
February	Annual Examination Begins	

Mathematics (041)

Month	Chapters	Activity/Project
April	1. Sets 2. Relations and Functions 3. Trigonometric Functions	1. To verify the relation between the degree measure and the radian measure of an angle 2. To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subset is 2^n 3. To represent set theoretic operation using venn diagrams To identify a relation and a function To distinguish between a Relation and Function
May	4. Complex Number and Quadratic Equations <ul style="list-style-type: none"> Principle of mathematical induction (ONLY FOR FORMATIVE ASSESSMENT) 5. Linear Inequalities	1. ART INTEGRATED PROJECT: Venn Diagram and Representation of sets 2. To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral power To verify that the graph of a given inequality, say $5x+4y-40 < 0$, of the form $ax+by+c < 0, a, b > 0, c < 0$ represents only one of the two half planes
July	6. Permutations and combinations 7. Binomial Theorem	1. To find the number of ways in which three cards can be selected from given five cards To construct a Pascal's Triangles and to write binomial expansion for a given positive integrals exponent
August	8. Sequences and Series 9. Straight lines 10. Conic Sections	1. To obtain formula for the sum of square of first n natural numbers 2. To demonstrate that the Arithmetic mean of two different positive numbers are always greater than the Geometric mean To establish the formula for the sum of the cubes of numbers
September	TERM I BEGINS	
October	11. Introduction to 3D Geometry 12. Limits and Derivatives	Art Integrated Project Exploring Arunachal Pradesh through the lens of Maths 1. To construct different types of conic sections 2. To construct a parabola 3. To construct an ellipse using a rectangle 4. Verification of the geometrical significance of derivative
November	PRE ANNUAL EXAMINATION	
December	13. Statistics 14. Probability	1. To write the sample space, when a dice is rolled once, twice To write the sample space, when a coin is tossed once, two times, three times, four times
January	Revision	
February	Annual Examination Begins	

Yoga (841)

Month	Chapter	Activity
April	Unit 1 - Introduction to Yoga and Yogic Practices - I	
May	Unit 1: Communication Skills-III	1.Practice of Sukshmaryayama 2. Practice of Surya Namaskar 3. Practice of Asanas 4. Practice of Halasana 5. Practice of Pawanmuktasana 6. Practice of Bhujangasana
July	Unit 2 - Introduction to Yoga Texts - I	7. Practice of Shalabhasana 8. Practice of Gomukhasana 9. Practice of Vakrasana 10. Practice of Ustrasana 11. Practice of Mandukasana 12. Practice of Sasankasana
August	Unit 2: Self-Management Skills-III Unit 3: Information and Communication Technology Skills-III	13. Practice of Janusirasana 14. Practice of Virkshasana 15. Practice of Padhastasana 16. Practice of Nadi Shudhi 17. Practice of Dhyana Mudra 18. Meditation 19. Project on Patanjali Yoga Sutras
September	Term I Begins	
October	Unit 3 - Yoga for Health Promotion - I Unit 4: Entrepreneurial Skills-III Unit 5: Green Skills-III	20. Yoga effect on Human Body 21. Steps of Sithaili Pranayama 22. Steps of Ujjayi Pranayam 23. Steps of Paschimottasana 24. Conducting Yoga project on common diseases Yoga sessions on suryanamaskar 25. Asanas board 26. Yoga for Weight loss
November	Pre-Annual Examination	
December	Revision	
January	Revision	
February	Annual Examination Begins	