



# SACRED HEART SCHOOL

(Affiliated to CBSE, New Delhi, up to +2 Level)

## Monthly Syllabus – Session – 2026-27

Class:- IX

Subject:-ENGLISH

Month	Chapter	Learning Outcomes	Activities
April	<b>How I Taught My Grandmother to Read</b>	<p>Students will understand the importance of education and literacy.</p> <p>Students will identify the relationship between grandmother and granddaughter.</p> <p>Students will enhance reading and comprehension skills.</p> <p>Students will develop empathy, respect, and value for lifelong learning.</p> <p>Students will improve paragraph and article writing skills.</p>	<p>Role play between grandmother and granddaughter.</p> <p>Reading aloud activity with proper pronunciation.</p> <p>Value discussion on "Education has no age limit."</p> <p>Write a factual description of a family member.</p> <p>Article writing on "Importance of Education."</p>
May	<b>Bharat Our Land</b>	<p>Students will appreciate India's diversity and unity.</p> <p>Students will identify poetic devices and imagery.</p> <p>Students will improve recitation and interpretation skills.</p> <p>Students will learn correct use of determiners in sentences.</p> <p>Students will develop patriotic values.</p>	<p>Poem recitation with expression.</p> <p>Poster making on "Unity in Diversity."</p> <p>Group discussion on Indian culture and heritage.</p> <p>Determiner worksheet activity.</p> <p>Prepare a collage showing different states of India.</p>
June	<b>The Pot Maker</b>	<p>Students will understand dignity of labour and traditional skills.</p> <p>Students will identify the struggles of craftsmen.</p> <p>Students will improve notice and invitation writing skills.</p>	<p>Clay modelling or pottery demonstration video.</p> <p>Notice writing for a school exhibition.</p> <p>Draft an informal invitation for a cultural event.</p> <p>Modal verb sentence game.</p>

		<p>Students will learn the use of modals in communication.</p> <p>Students will enhance critical thinking and creativity.</p>	<p>Discussion on preservation of traditional occupations.</p>
<b>July</b>	<b>Gift of Grace: Honouring</b>	<p>Students will understand kindness, gratitude, and respect.</p> <p>Students will infer moral values from the chapter.</p> <p>Students will improve formal letter writing skills.</p> <p>Students will revise and apply correct tense forms.</p> <p>Students will strengthen analytical and reflective skills.</p>	<p>Write a letter to the editor on a social issue.</p> <p>Timeline activity using different tenses.</p> <p>Value-based classroom discussion.</p> <p>Speech on “Acts of Kindness.”</p> <p>Peer editing activity for tense correction.</p>
<b>August</b>	<b>Wind of Change</b> <b>Canvas of Soil</b>	<p>Students will understand environmental and social changes.</p> <p>Students will appreciate art, culture, and rural life.</p> <p>Students will learn formal email writing format.</p> <p>Students will improve editing and omission skills.</p> <p>Students will develop observation and interpretation skills.</p>	<p>Write a formal email to school authorities.</p> <p>Editing and omission worksheet practice.</p> <p>Nature observation and description activity.</p> <p>Draw and describe a village scene.</p> <p>Debate on “Modernisation vs Tradition.”</p>
<b>September</b>	<b>Vitamin M</b> <b>I Cannot Remember My Mother</b>	<p>Students will understand emotional bonding and family values.</p> <p>Students will analyse themes and emotions in literature.</p> <p>Students will learn rules of subject-verb concord.</p> <p>Students will improve logical sequencing through sentence rearrangement.</p> <p>Students will enhance comprehension and writing abilities.</p>	<p>Memory sharing activity about mothers/family.</p> <p>Subject-verb concord exercises.</p> <p>Sentence rearrangement race.</p> <p>Diary entry on family memories.</p> <p>Group discussion on importance of emotional support.</p>
<b>HALF YEARLY EXAM</b>			

<b>October</b>	<b>The World of Limitless Possibilities</b>  <b>Nine Gold Medals</b>	<p>Students will develop positive thinking and teamwork values.</p> <p>Students will understand sportsmanship and compassion.</p> <p>Students will improve narrative essay writing skills.</p> <p>Students will infer themes and character traits.</p> <p>Students will strengthen creative expression.</p>	<p>Narrative essay writing competition.</p> <p>Group storytelling activity.</p> <p>Poem recitation with emotions.</p> <p>Discussion on teamwork and humanity.</p> <p>Create a motivational slogan chart.</p>
<b>November</b>	<b>Twin Melodies</b>	<p>Students will appreciate music and harmony.</p> <p>Students will improve descriptive writing skills.</p> <p>Students will identify noun clauses and relative clauses.</p> <p>Students will enhance listening and speaking abilities.</p> <p>Students will develop aesthetic appreciation.</p>	<p>Listening to musical pieces and describing feelings.</p> <p>Descriptive paragraph writing.</p> <p>Clause identification worksheet.</p> <p>Pair discussion on favourite music.</p> <p>Vocabulary enrichment activity.</p>
<b>December</b>	<b>A Friend Found in Music</b>	<p>Students will understand friendship and emotional connection through music.</p> <p>Students will learn sentence transformation techniques.</p> <p>Students will improve comprehension and grammar accuracy.</p> <p>Students will enhance creative and analytical skills.</p> <p>Students will develop confidence in communication.</p>	<p>Sentence transformation exercises.</p> <p>Write about a friend who inspires you.</p> <p>Music appreciation session.</p> <p>Quiz on grammar concepts.</p> <p>Role play on friendship themes.</p>
<b>PERIODIC TEST 2</b>			
<b>January</b>	<b>Carrier of Words</b>	<p>Students will understand the power of language and communication.</p>	<p>Vocabulary building games.</p> <p>Speech activity on "Power of Words."</p>

		<p>Students will appreciate literary expression.</p> <p>Students will improve vocabulary and speaking skills.</p> <p>Students will develop confidence in expressing ideas.</p> <p>Students will strengthen reading comprehension.</p>	<p>Reading comprehension practice.</p> <p>Group discussion and presentation.</p> <p>Creative slogan writing.</p>
<b>February</b>	<p>Follow That Dream</p> <p>Believe in Yourself</p>	<p>Students will develop self-confidence and determination.</p> <p>Students will understand the importance of hard work and goals.</p> <p>Students will improve motivational and reflective writing skills.</p> <p>Students will enhance speaking and presentation skills.</p> <p>Students will build positive attitudes towards challenges.</p>	<p>Goal-setting worksheet.</p> <p>Motivational speech presentation.</p> <p>Poster making on dreams and success.</p> <p>Self-reflection paragraph writing.</p> <p>Inspirational quote collection activity.</p>
<b>March</b>	<b>Revision &amp; Examination</b>	<p>Students will revise all grammar, writing, and literature concepts.</p> <p>Students will improve examination strategies and time management.</p> <p>Students will strengthen confidence and accuracy.</p>	<p>Mock tests and quizzes.</p> <p>Grammar revision games.</p> <p>Peer assessment activities.</p> <p>Reading comprehension practice.</p> <p>Doubt-clearing sessions.</p>



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## पाठ्यक्रम (2026-27)

विषय :- हिंदी

वर्ग :- नौ

महीना	अध्याय	अधिगम परिणाम	गतिविधि
अप्रैल	1.) दो बैलों की कथा	बच्चे सीखेंगे की आजादी सबको प्यारी होती है। आजादी के लिए संघर्ष करना पड़ता है और जान भी गंवानी पड़ती है।	एकता में बाल है- रोल प्ले
	2.) उपसर्ग, प्रत्यय और पत्र	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
मई	1.) रैदास के पद	बच्चे धार्मिक प्रवृत्ति के बनेंगे। भक्त और भगवान के बीच अटूट संबंध को समझ सकेंगे।	
	2.) संज्ञा, सर्वनाम और विशेषण	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
जून	1.) क्या लिखूं	बच्चे लेखक की मानसिक स्थिति का विश्लेषण कर सकेंगे। अपने विचारों को स्वतंत्र रूप से लिखने के लिए प्रेरित होंगे।	
	2.) क्रिया, अर्थ की दृष्टि से वाक्य भेद	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
जुलाई	1.) राम-लक्ष्मण-परशुराम संवाद	छात्रों को राम लक्ष्मण और परशुराम का जीवन से प्रेरणा मिलेगी। बच्चे क्रोध को त्याग कर विनम्रता ग्रहण करने प्रेरित होंगे।	छात्रों से एक्ट के रूप में संवाद कराया जाएगा।
	2.) अनुच्छेद और सूचना लेखन	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
अगस्त	1.) संवाद हीन	व्यवहारिक जीवन में बच्चे संवाद के महत्व को समझ सकेंगे।	
	2.) भारती जय विजय करे	बच्चों में देश प्रेम का भाव जागृत होगा। देश के लिए खुद को समर्पित करने के लिए प्रेरित होंगे।	सैनिक की तस्वीर बनाकर देश की सुरक्षा व्यवस्था में उनके योगदान पर टिप्पणी लिखने को कहा जाएगा।
	3.) पत्र(औपचारिक और अनौपचारिक पत्र)	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
	1.) ऐसी भी बातें होती हैं ( स्वर	बच्चे लता मंगेशकर के जीवन	

सितंबर	कोकिला लता मंगेशकर के बारे में)	से प्रेरणा ले सकेंगे। जीवन में आने वाले उतार-चढ़ाव से संतुलन बना सकेंगे।	
	2.) संवाद लेखन	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
	रिवीजन, पीटी टू परीक्षा		
अक्टूबर	1.) आखिरी चट्टान तक	जीवन में संघर्ष के महत्व को समझना।	
	2.) समानार्थी शब्द और मुहावरा पाठ के आधार पर		
नवम्बर	1.) रीढ़ की हड्डी	दहेज प्रथा और अन्य सामाजिक बुराइयों के खिलाफ बच्चे अपनी आवाज बुलंद कर सकेंगे।	दहेज प्रथा के खिलाफ एक्ट
	2.) दृश्य पर आधारित लेखन उपसर्ग और प्रत्यय	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
दिसंबर	1.) झांसी की रानी	बच्चों में देशभक्ति का भाव जगेगा। महिला सशक्तिकरण को बल मिलेगा।	झांसी की रानी के जीवन पर एक्ट
	2.) विराम चिह्न, संज्ञा और सर्वनाम	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
जनवरी	1.) मैं और मेरा देश	बच्चे सीखेंगे की किसी व्यक्ति के पहचान उसके देश से होती है। व्यक्ति से किसी देश की पहचान नहीं होती।	
	2.) घर की याद	बच्चे अपने जीवन में घर के महत्व को समझ सकेंगे। व्यक्ति चाहे जहां भी रहे कहीं भी न कभी उसे अपने घर की याद अवश्य आती है।	
	3.) निपात	व्याकरण पढ़ाने से छात्रों की भाषा मजबूत होगी और परीक्षा में अधिक अंक ला सकेंगे।	
पीटी वन, 20 अंक	दो बैलों की कथा, रैदास के पद, संज्ञा, विशेषण, क्रिया और पत्र।		
फरवरी	वार्षिक परीक्षा		



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## मासिक पाठ्यक्रम(२०२६-२७)

कक्षा :- नव

विषय: संस्कृत

महीना	अध्याय / व्याकरण	शिक्षण उद्देश्य / मुख्य बिंदु
अप्रैल	* सत्यं-शिवं-सुन्दरं * अन्वयः	<ul style="list-style-type: none"><li>सद्विचार की महत्ता बताना एवं भारतीय संस्कृति से जोड़ना।</li><li>वाक्य विन्यास समझाना।</li></ul>
मई	* सुखस्य मूलं धर्मः * धर्मस्य मूलम् अर्थः * समासः	<ul style="list-style-type: none"><li>धर्म से अर्थार्जन से उत्पन्न सुख के महत्व को बताना, अनेक महापुरुषों की जीवनी समझाना।</li><li>पाठ में आए विस्तृत पद को एक पद।</li></ul>
जून	* आत्मवत्सर्वभूतेषु यः पश्यति सः पण्डितः * वाच्यम्	<ul style="list-style-type: none"><li>चाणक्यनीति के विषय में बताना।</li><li>आचरण की शुद्धता पर बल।</li><li>परजीव को अपने समान समझना।</li><li>कर्तृवाच्य को कर्मवाच्य, भाववाच्य में बदलना।</li></ul>
जुलाई	* न खलु वयस्तेजसो हेतुः * एषा सा कृतकबुद्धि	<ul style="list-style-type: none"><li>उम्र से व्यक्ति महान नहीं होता बल्कि गुण से होता है।</li><li>ध्रुव, प्रहलाद, अभिमन्यु की कथा समझाना।</li></ul>
अगस्त	* मनः पूतं समाचरेत्	<ul style="list-style-type: none"><li>मन की पवित्रता पर बल देना।</li><li>मन ही उत्थान या पतन का कारण होता है।</li></ul>
सितंबर	<b>अर्द्ध वार्षिक</b>	
अक्टूबर	* उपायं चिन्तयेत् प्राज्ञः स्थापय च चिन्तयेत् * शब्दरूपाणि	<ul style="list-style-type: none"><li>बुद्धि के महत्त्व को दर्शाना।</li><li>प्रतिकूल परिस्थिति को बुद्धि के द्वारा अनुकूल बनाना।</li></ul>
नवंबर	* अन्नं आनन्दं प्रति * धातुरूपाणि	<ul style="list-style-type: none"><li>अन्न के महत्त्व को समझाना।</li><li>अन्न से ही संसार की उत्पत्ति है। कृषक के महत्त्व को स्थापित करना।</li></ul>
दिसंबर	* कृतं प्रतिकृतं भूयादेष धर्मः सनातनः * णमो अरिहन्ताणाम्	<ul style="list-style-type: none"><li>जो करेंगे सो पाएँगे।</li><li>कर्म की पवित्रता समझाना।</li></ul>
जनवरी	* वर्णोच्चारण शिक्षा * अभ्यास	<ul style="list-style-type: none"><li>वर्ण के महत्त्व को समझाना।</li></ul>
फरवरी	<b>वार्षिक परीक्षा</b>	



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## Monthly Syllabus – Session – 2026-27

Class:- IX

Subject:- MATHS

NCERT Book – Ganita Manjari

Month	Chapter	Topics	Learning Outcomes	Suggested Activities
April	Patterns in Mathematics	Number patterns, visual patterns	Identify and extend patterns	Rangoli and puzzle activities
May	Number Systems	Real numbers, decimal expansion	Represent real numbers	Number line activity
June	Algebraic Expressions and Polynomials	Polynomials, zeroes	Solve polynomial problems	Polynomial games
July	Linear Equations and Coordinate Geometry	Graphs, coordinates	Plot and interpret graphs	Coordinate hunt
August	Geometrical Ideas	Lines and angles	Apply angle properties	Geometry models
September	Triangles and Quadrilaterals	Congruency, properties	Solve geometry problems	Paper cutting activities
October	Mensuration	Area, surface area, volume	Calculate area and volume	3D model making
November	Circles	Properties of circles	Solve circle problems	Compass drawing
December	Data Handling and Statistics	Graphs, mean, median	Interpret data	Survey projects
January	Probability	Experimental probability	Calculate simple probabilities	Dice and coin experiments
February	Revision and Competency-Based Practice	HOTS and case-based questions	Apply integrated concepts	Quiz and peer learning
March	Annual Revision and Assessment	Complete syllabus revision	Demonstrate mastery	Mock tests



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## Monthly Syllabus – Session – 2026-27

Class: IX

Subject: - PHYSICS

Month	Unit / Chapter	Key Learning Outcomes	Suggested Activities
April	Motion	Differentiate between distance/displacement and speed/velocity; define uniform circular motion.	Plot and interpret position-time and velocity-time graphs for various types of motion.
May	Motion (Cont.)	Derive kinematic equations for motion in a straight line with constant acceleration.	<b>Calculation Workshop:</b> Solving numerical problems using equations of motion ( $v = u + at$ , etc.).
June	Force and Laws of Motion	Explain that force has magnitude and direction; identify balanced and unbalanced forces.	Analyze real-life events to identify the key factors that influence object behavior.
July	Force and Laws of Motion (Cont.)	State and explain Newton's three laws of motion; define the SI unit of force (Newton).	<b>Practical:</b> Use models to manipulate variables (mass and force) and predict acceleration results ( $F = ma$ ).
August	Unit Review & Lab Work	Apply Newton's laws to explain everyday events; accurately use scientific instruments to collect data.	Develop a model or demonstration to represent a real-life event involving friction or inertia.
September	Revision & MID-TERM 1	<i>Comprehensive review of Motion and Force and Laws of Motion.</i>	<b>Exam Period:</b> Assessment covering all topics from April to August.
October	Work, Energy & Simple Machines	Define work done by a constant force; calculate work, kinetic energy, and potential energy.	Demonstrate the Work-Energy theorem through mathematical expressions and practical examples.
November	Simple Machines	Identify simple machines (pulley, inclined plane, lever); calculate mechanical advantage.	<b>Activity:</b> Compare the mechanical advantage of different types of levers and pulleys.
December	Sound	Describe sound as a longitudinal wave; explain the production of sound through vibrations.	Demonstrate sound production in multiple ways (vibration of strings, membranes, or air columns).
January	Sound (Cont.) & Echolocation	Derive expressions for the speed of sound; explain sonar and reflection of sound (echoes).	Display awareness about Sir C.V. Raman and research historical buildings designed for echoes (e.g., Gol Gumbaz).
February	Revision & MID-TERM 2	<i>Comprehensive review of Work, Energy, Simple Machines, and Sound.</i>	<b>Exam Period:</b> Assessment covering all topics from October to January.
March	Final Assessment / Project	Communicate findings and conclusions effectively; represent data in multiple modes (tables/graphs).	Final lab practicals, portfolio submission, and remedial sessions for annual exam preparation.



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## Monthly Syllabus – Session – 2026-27

Class:- IX

Subject:- CHEMISTRY

Month	Unit / Chapter	Key Topics & Concepts	Suggested Activities
April	Exploring Mixtures and their Separation	<ul style="list-style-type: none"><li>• Homogeneous and heterogeneous mixtures</li><li>• Solutions, suspensions, and colloids</li><li>• Expressing concentration of solutions (mass %, volume %)</li></ul>	Compare the stability and filterability of a salt solution, chalk powder suspension, and milk colloid.
May	Separation Techniques	<ul style="list-style-type: none"><li>• Crystallisation and Distillation</li><li>• Paper Chromatography</li><li>• Sublimation and Centrifugation</li><li>• Physical vs Chemical changes</li></ul>	Perform paper chromatography using black ink; demonstrate sublimation of camphor or ammonium chloride.
June		<b>Summer Break / Periodic Test - 1</b>	
July	Atoms and Molecules (Part 1)	<ul style="list-style-type: none"><li>• Laws of Chemical Combination</li><li>• Law of Conservation of Mass</li><li>• Law of Constant Proportions</li><li>• Dalton's Atomic Theory</li></ul>	Verify the Law of Conservation of Mass using Barium Chloride and Sodium Sulphate.
August	Atoms and Molecules (Part 2)	<ul style="list-style-type: none"><li>• Atomic mass and Mole concept</li><li>• Writing chemical formulae using valency</li><li>• Molecular mass and Formula unit mass</li></ul>	Game: "Formula Match" Use cards with symbols and valencies to construct chemical formulas correctly.
September		<b>MID-TERM EXAMINATION (1st TERM)</b> <b>Syllabus Covered: April to August</b>	

<b>October</b>	Structure of the Atom (Part 1)	<ul style="list-style-type: none"> <li>• Subatomic particles: p, n, e-</li> <li>• Atomic Models: Thomson, Rutherford, and Bohr</li> <li>• Distribution of electrons in shells (K, L, M, N)</li> </ul>	Create 3D models of atoms using beads and wires to show electron distribution of the first 18 elements.
<b>November</b>	Structure of the Atom (Part 2)	<ul style="list-style-type: none"> <li>• Valency as combining capacity</li> <li>• Atomic number and Mass number</li> <li>• Isotopes and Isobars</li> <li>• Applications of isotopes in medicine/energy</li> </ul>	Roleplay/Story: "Journey inside the Atom" to explain the discovery of the nucleus.
<b>December - January</b>	Earth as a System (Interdisciplinary)  Revision & Lab Work	<ul style="list-style-type: none"> <li>• Biogeochemical cycles (Water, Carbon, Nitrogen, Oxygen)</li> <li>• Human impact on Earth's systems</li> <li>• Interaction of solar energy with matter</li> <li>• Comprehensive Revision of all units</li> <li>• Sample Paper solving</li> <li>• Clarification of doubts</li> </ul>	Draw flow charts and concept maps for the Nitrogen and Carbon cycles.  Laboratory Review: Practice all separation techniques; chemical formula writing drills.
<b>February</b>		<b>FINAL EXAMINATION (ANNUAL TERM) Complete Syllabus Coverage</b>	



# SACRED HEART SCHOOL

(Affiliated to CBSE, New Delhi, up to +2 Level)

## Monthly Syllabus – Session – 2026-27

Class:- IX

Subject:- BIOLOGY

MONTH	CHAPTER/UNIT	KEY CONCEPTS / TOPICS SCHEDULED	EXPECTED LEARNING OUTCOMES (ELOS)
<b>TERM I SYLLABUS FOCUS: CELLULAR &amp; TISSUE FRAMEWORKS (CHAPTERS 2 &amp; 3)</b>			
<b>April</b>	<b>CHAPTER 2 (PART 1) Cell: The Building Block of Life</b>	<ul style="list-style-type: none"> <li>• The cell as the structural and operational unit of living organisms.</li> <li>• Historical discoveries of Robert Hooke and Leeuwenhoek; the Unified Cell Theory.</li> <li>• The structural organization of cell boundaries: Selective permeability of the plasma membrane.</li> <li>• Transport physics: Diffusion profiles and baseline mechanisms of Osmosis.</li> <li>• <b>Practical Work:</b> Preparation and microscopic viewing of temporary mounts of onion peels.</li> </ul>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Define</b> the cell and trace its discovery timeline.</li> <li>• <b>Explain</b> tenets of the unified cell theory.</li> <li>• <b>Demonstrate</b> slide preparation and microscopic handling.</li> </ul>
<b>May &amp; June</b>	<b>CHAPTER 2 (PART 2) Organelles &amp; Variations</b>	<ul style="list-style-type: none"> <li>• Cell wall layout and plant cell responses to osmotic Plasmolysis.</li> <li>• Nuclear blueprint: Nuclear membrane, nucleoplasm, chromatin, and chromosome layout.</li> <li>• Cytoplasmic membrane-bound organelles: Endoplasmic Reticulum (RER, SER), Golgi bodies, and Lysosomes.</li> <li>• Energy and processing systems: Mitochondria ("Powerhouse"), Plastids, and Vacuoles.</li> <li>• Structural comparison maps:</li> </ul>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Differentiate</b> prokaryotes from eukaryotic cells.</li> <li>• <b>Sketch</b> structural models of plant and animal configurations.</li> <li>• <b>Correlate</b> organelle structures with specific metabolic actions.</li> </ul>

		Prokaryotic vs. Eukaryotic and Plant vs. Animal cells.	
July	<b>CHAPTER 3 (PART 1) Tissue in Action (Plant Tissues)</b>	<ul style="list-style-type: none"> <li>• Transition from single cells to multicellular organization: Division of Labor.</li> <li>• Plant Tissue Frameworks: Dividing capacity vs. specialized structural permanent roles.</li> <li>• Meristematic Tissues: Structural functions of Apical, Intercalary, and Lateral layers.</li> <li>• Simple Permanent Tissues: Parenchyma, Collenchyma, and Sclerenchyma structures.</li> </ul>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Justify</b> the biological need for tissue division of labor.</li> <li>• <b>Categorize</b> plant tissues based on structural maturation and position.</li> </ul>
August	<b>CHAPTER 3 (PART 2) Complex Plant &amp; Animal Tissues</b>	<ul style="list-style-type: none"> <li>• Complex Permanent Tissues: Specialized cellular delivery structures of Xylem and Phloem.</li> <li>• Animal Tissue Systems: Structural classification of Epithelial and Connective layers.</li> <li>• Muscular Tissue variations: Skeletal (Striated), Smooth (Unstriated), and Cardiac configurations.</li> <li>Nervous Tissue: Anatomy and electrical signal layout of a functional Neuron.</li> </ul>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Map</b> vascular bundles in complex plant structures.</li> <li>• <b>Identify</b> animal tissues and link structures to functional assignments.</li> </ul> <p><b>Illustrate</b> a high-fidelity model of a human neuron.</p>
September	<b>Term I Assessment Block</b>	<ul style="list-style-type: none"> <li>• Systemic master review of the full Term I syllabus (Chapters 2 &amp; 3).</li> <li>• Focused remedial practice on organelle interactions and structural tissue matching tables.</li> </ul>	<p>Students will:</p> <ul style="list-style-type: none"> <li>• <b>Consolidate</b> half-yearly syllabus matrices.</li> </ul> <p><b>Demonstrate</b> long-form structural answer writing.</p>

		<ul style="list-style-type: none"> <li>• <b>Conduction of Term I (Mid-Term) Examinations covering Chapters 2 and 3.</b></li> </ul>	
<b>TERM II SYLLABUS FOCUS: BIOLOGICAL CONTINUITY &amp; DIVERSE LIFE FORMS (CHAPTERS 11 &amp; 12)</b>			
<b>October</b>	<b>CHAPTER 11 (PART 1)</b> <b>Reproduction: Basics &amp; Plants</b>	<ul style="list-style-type: none"> <li>• Significance of reproductive systems in maintaining ecological species continuity.</li> <li>• Evolutionary modes of reproduction: Asexual pathways vs. Sexual frameworks.</li> <li>• Asexual mechanisms: Fission, Budding, Spore formation, and Vegetative Propagation.</li> </ul> <p>Sexual processes in flowering plants: Flower anatomy, Pollination vectors, and Double Fertilization.</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Contrast</b> asexual modes with sexual evolutionary benefits.</li> </ul> <p><b>Trace</b> fertilization lines from pollination to seed structure.</p>
<b>November</b>	<b>CHAPTER 11 (PART 2)</b> <b>Humans &amp; Reproductive Health</b>	<ul style="list-style-type: none"> <li>• Human Reproductive Systems: Anatomy and pathways of Male and Female setups.</li> <li>• Gametogenesis lines, baseline Menstrual Cycle phases, fertilization, and embryonic gestation.</li> <li>• Reproductive Health: Adolescent changes, population management, and Sexually Transmitted Infection (STI) awareness.</li> </ul>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Schematize</b> primary human reproductive layouts.</li> </ul> <p><b>Formulate</b> health perspectives regarding adolescent hygiene.</p>
<b>December</b>	<b>CHAPTER 12 (PART 1)</b> <b>Taxonomy &amp; Plant Diversity</b>	<ul style="list-style-type: none"> <li>• The imperative for classification; Historical systems of Aristotle and Linnaeus.</li> <li>• Guidelines, criteria, and standard formatting rules of Binomial Nomenclature.</li> <li>• Whittaker's Five-Kingdom Structure: Diagnostic profiles of Monera, Protista, and Fungi.</li> </ul> <p>Kingdom Plantae layout:</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Apply</b> guidelines of Binomial Nomenclature to target organisms.</li> </ul> <p><b>Categorize</b> structural plant divisions along evolutionary steps.</p>

		Features of Thallophyta, Bryophyta, Pteridophyta, Gymnosperms, and Angiosperms.	
<b>January</b>	<b>CHAPTER 12 (PART 2)</b> <b>Kingdom Animalia Structure</b>	<ul style="list-style-type: none"> <li>• Kingdom Animalia criteria: Symmetries, body coelom layouts, and embryonic tissue layers.</li> <li>• Invertebrate Phyla: Properties of Porifera, Coelenterata, Platyhelminthes, Annelida, and Arthropoda.</li> <li>• Phylum Chordata tracking: Features of Protochordata and full Vertebrata classes (Pisces to Mammals).</li> </ul>	<p>Students will be able to:</p> <ul style="list-style-type: none"> <li>• <b>Classify</b> target animals into explicit phyla using observable structural attributes.</li> </ul> <p><b>Map</b> developmental progressions across animal phyla.</p>
<b>February</b>	<b>Annual Final Assessment Block</b>	<ul style="list-style-type: none"> <li>• Comprehensive revision of all annual chapters with special emphasis on Term II (Chapters 11 &amp; 12).</li> <li>• Textbook evaluations, sample question boards, and board- pattern competency test practice.</li> <li>• <b>Conduction of Class 9 Annual Final Written Examinations.</b></li> </ul>	<p>Students will:</p> <ul style="list-style-type: none"> <li>• <b>Synthesize</b> full-year biological concepts to establish academic readiness for Class 10.</li> </ul> <p><b>Achieve</b> baseline performance requirements in school terminal evaluation blocks.</p>



# SACRED HEART SCHOOL

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## Monthly Syllabus – Session – 2026-27

Class:- IX

Subject:- SSC

Month	Unit/Chapter	Key Learning Outcome	Suggested Activities
April	Shaping of the Earth's Surface (Geo)	Describe the concept of plate tectonics and analyse the relevance in understanding Earth's dynamics.	<ul style="list-style-type: none"> <li>• Locating the major and minor plates</li> <li>• Locating disaster-prone areas</li> </ul>
May	Shaping of the Earth's Surface (cont.)	Continue understanding Earth's surface formation and tectonic activities.	<ul style="list-style-type: none"> <li>• Map work related to tectonic plates and landforms</li> </ul>
June	Atmosphere and Climate (Geo)	Understand the impact of the Indian monsoon on life, agriculture and livelihoods across different regions.	<ul style="list-style-type: none"> <li>• Locating the direction of monsoon onset and retreat</li> </ul>
July	Building Blocks in Economics (Eco)	Recognise how economic analysis helps in policy-making and solving real-life issues.	<ul style="list-style-type: none"> <li>• Listing and analysing what economists do and how they study production, distribution and consumption of goods and services</li> </ul>
August	The Price Puzzle: What Drives the Market	Interpret how changes in price affect the quantity demanded and quantity supplied of goods and services.	<ul style="list-style-type: none"> <li>• Collect daily life examples and analyse the demand and supply trends in the past, present and future</li> </ul>
September	Revision & Mid-Term – I	Comprehensive review of Shaping of the Earth's Surface, Building Blocks in Economics and The Price Puzzle.	<ul style="list-style-type: none"> <li>• Exam period – Assessment covering all topics from April to August</li> </ul>
October	Oceans and Life (Geo)	<ul style="list-style-type: none"> <li>• Analyse the connections between ocean currents and global and regional climate patterns</li> </ul>	<ul style="list-style-type: none"> <li>• Construct models or sketches representing ocean relief</li> </ul>
November	Life on Earth (Geo)	<ul style="list-style-type: none"> <li>• Explain the concept and importance of biosphere reserves in conserving and analyse their impact</li> </ul>	<ul style="list-style-type: none"> <li>• Locate biosphere reserves on the map of India</li> </ul>
December	From Ideas to Startups (Eco)	<ul style="list-style-type: none"> <li>• Analyse the key resources for business</li> <li>• Explain how resources are managed to produce goods and services</li> </ul>	<ul style="list-style-type: none"> <li>• Analyse real-world examples of successful entrepreneurs</li> </ul>
January	Smart Ways to Manage Your Finances (Eco)	<ul style="list-style-type: none"> <li>• Recognise how managing income, spending, saving and investment helps achieve financial stability and long-term goals</li> </ul>	<ul style="list-style-type: none"> <li>• Identify various saving and investment instruments</li> </ul>
February	Revision & Mid-Term 2	<ul style="list-style-type: none"> <li>• Comprehensive review of chapters from October to February</li> </ul>	<ul style="list-style-type: none"> <li>• Exam period – Assessment covering all topics from October to February</li> </ul>
March	Final Assessment / Project	<ul style="list-style-type: none"> <li>• Communicate findings and conclusions effectively</li> </ul>	<ul style="list-style-type: none"> <li>• Portfolio submission, remedial sessions for annual exam preparation</li> </ul>



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## Monthly Syllabus – Session – 2026-27

Class:- IX

Subject:- IT(402)

### Part A: Employability Skills

<b>April:</b>	<b>Unit 1: Communication Skills - I</b> <ul style="list-style-type: none"><li>• Topics: Introduction to Communication, Forms of Communication, Sentences and Paragraphs</li></ul>	<b>Learning Outcomes:</b> <ul style="list-style-type: none"><li>• Understand the basic concepts and importance of communication.</li><li>• Identify and differentiate between various forms of communication.</li><li>• Construct grammatically correct and coherent sentences and paragraphs.</li></ul>
<b>May:</b>	<b>Unit 2: Self-Management Skills - I</b> <ul style="list-style-type: none"><li>• Topics: Self-Awareness, Goal Setting, Time Management, Stress Management, Self-Confidence</li></ul>	<b>Learning Outcomes:</b> <ul style="list-style-type: none"><li>• Develop self-awareness and identify personal strengths and weaknesses.</li><li>• Set realistic and achievable goals.</li><li>• Apply effective time management techniques.</li><li>• Understand and manage stress.</li><li>• Build and maintain self-confidence.</li></ul>
<b>June:</b>	<b>Unit 3: ICT Skills - I</b> <ul style="list-style-type: none"><li>• Topics: Information and Communication Technology (ICT) Tools, Basic Components of a Computer System, Hardware and Software, Performing Basic Computer Operations</li></ul>	<b>Learning Outcomes:</b> <ul style="list-style-type: none"><li>• Recognize and understand common ICT tools.</li><li>• Identify the basic hardware and software components of a computer system.</li><li>• Perform fundamental computer operations effectively.</li></ul>
<b>July:</b>	<b>Unit 3: ICT Skills - I (Continued)</b> <ul style="list-style-type: none"><li>• Topics: Computer Desktop, Working with Files and Folders, Communication and Networking - The Internet, Email, and Social Media, Digital India</li></ul>	<b>Learning Outcomes:</b> <ul style="list-style-type: none"><li>• Navigate and manage the computer desktop environment.</li><li>• Organize and work with files and folders efficiently.</li><li>• Understand basic concepts of internet, email, and social media.</li><li>• Gain awareness of the Digital India initiative.</li></ul>
<b>August:</b>	<b>Unit 4: Entrepreneurial Skills - I</b> <ul style="list-style-type: none"><li>• Topics: What is Entrepreneurship?, Qualities of an Entrepreneur, Difference between Business and Enterprise, Entrepreneurship Development Process</li></ul>	<b>Learning Outcomes:</b> <ul style="list-style-type: none"><li>• Define entrepreneurship and its significance.</li><li>• Identify key qualities and characteristics of successful entrepreneurs.</li><li>• Distinguish between a business and an enterprise.</li><li>• Understand the basic stages of the entrepreneurship development process.</li></ul>
<b>September:</b>	<b>Unit 5: Green Skills - I</b> <ul style="list-style-type: none"><li>• Topics: Society and Environment, Environmental Protection and Conservation, Sustainable Development and Green Economy</li></ul>	<b>Learning Outcomes:</b> <ul style="list-style-type: none"><li>• Understand the relationship between society and the environment.</li><li>• Recognize the importance of environmental protection and conservation.</li><li>• Grasp the concept of sustainable development and the green economy.</li></ul>

**Mid 1 Examination (Based on Units 1-5)**

**Part B: Information Technology**

<p><b>October:</b></p>	<p><b>Unit 1: Introduction to IT-ITeS Industry</b></p> <ul style="list-style-type: none"> <li>• Topics: Information Technology, Information Technology enabled Services (ITeS), BPM Industry in India</li> </ul>	<p>Learning Outcomes:</p> <ul style="list-style-type: none"> <li>• Define information technology and its scope.</li> <li>• Understand the concept and significance of ITeS.</li> <li>• Gain knowledge about the Business Process Management (BPM) industry in India.</li> </ul>
<p><b>November:</b></p>	<p><b>Unit 2: Data Entry and Keyboarding Skills</b></p> <ul style="list-style-type: none"> <li>• Topics: Keyboarding Skills, Types of Keys, Typing and Deleting Text, Typing Ergonomics, Understanding the Positioning of Fingers on a Keyboard, Practicing Sentences, Touch-Typing, Introduction to Rapid Typing Tutor, Selecting Course and Lesson, Working with Lesson Editor</li> </ul>	<p>Learning Outcomes:</p> <ul style="list-style-type: none"> <li>• Develop fundamental keyboarding skills.</li> <li>• Identify different types of keys on a keyboard.</li> <li>• Learn efficient techniques for typing and deleting text.</li> <li>• Understand and apply ergonomic principles for comfortable typing.</li> <li>• Master the correct finger positioning on the keyboard.</li> <li>• Practice typing sentences using touch-typing methods.</li> <li>• Utilize a typing tutor effectively for skill improvement.</li> </ul>
<p><b>December:</b></p>	<p><b>Unit 3: Digital Documentation</b></p> <ul style="list-style-type: none"> <li>• Topics: Word Processing, Basics of LibreOffice Writer, Components of Writer, Editing a Document, Selecting Text, Finding and Replacing Text, Find and Replace Commands, Checking Spelling and Grammar, Using Thesaurus</li> </ul>	<p>Learning Outcomes:</p> <ul style="list-style-type: none"> <li>• Understand the concept of word processing.</li> <li>• Become familiar with the LibreOffice Writer interface.</li> <li>• Identify and understand the components of Writer.</li> <li>• Learn basic document editing techniques.</li> <li>• Select text effectively within a document.</li> <li>• Use find and replace functionalities.</li> <li>• Check and correct spelling and grammar.</li> <li>• Utilize the thesaurus for vocabulary enhancement.</li> </ul>
<p><b>January:</b></p>	<p><b>Unit 4: Electronic Spreadsheet</b></p> <ul style="list-style-type: none"> <li>• Topics: Introduction to Spreadsheets, Starting LibreOffice Calc, Basics of LibreOffice Calc, Creating a Workbook, Saving a Workbook, Closing a Workbook, Opening an Existing Workbook, Entering Data in a Spreadsheet, Cell Referencing in a Worksheet, Navigating within Spreadsheets, Editing a Worksheet, Commonly Used Functions in Calc</li> </ul>	<p>Learning Outcomes:</p> <ul style="list-style-type: none"> <li>• Understand the purpose and applications of spreadsheets.</li> <li>• Learn how to start and navigate the LibreOffice Calc interface.</li> <li>• Understand the basic elements of a Calc spreadsheet.</li> <li>• Create, save, open, and close workbooks.</li> <li>• Enter different types of data into a spreadsheet.</li> <li>• Understand and apply cell referencing.</li> <li>• Navigate efficiently within a spreadsheet.</li> <li>• Perform basic editing operations on a worksheet.</li> <li>• Utilize commonly used functions in Calc.</li> </ul>
<p><b>February:</b></p>	<p><b>Unit 4: Electronic Spreadsheet (Continued)</b></p>	<p>Learning Outcomes:</p> <ul style="list-style-type: none"> <li>• Format data effectively to enhance readability</li> </ul>

	<ul style="list-style-type: none"><li>● Topics: Formatting Data in a Spreadsheet, Formatting Font, Size, and Typeface, Text Orientation, Formatting Values, Introduction to Charts, Creating a Chart</li></ul>	and presentation. <ul style="list-style-type: none"><li>● Apply different font styles, sizes, and typefaces.</li><li>● Adjust text orientation within cells.</li><li>● Format numerical values appropriately.</li><li>● Understand the purpose and types of charts.</li><li>● Create basic charts to visualize data.</li></ul>
<b>Mid 2 Examination (Based on Units 6-9)</b>		