

ST. MARY'S ENGLISH MEDIUM SCHOOL SANTOLI, SIMDEGA
STD –X 'A+B' SUBJECT – ENGLISH SYLLABUS
SESSION - 2025-2026

Month	First Flight		Footprints Without Feet	Creative Writing & Grammar	Expression
	Prose	Poem			
April	A Letter To God	Dust Of Snow	A Triumph Of Surgery	Discursive Passage	Test
		Fire And Ice		Case Based Passage	
May	Nelson Mandela -Long Walk To Freedom	A Tiger In The Zoo	The Thief Story	Tense	Test
Unit Test I					
June	Two Stories About Flying	How To Tell Wild Animals	The Midnight Visitor	Formal Letter	Test
July	From The Diary Of Anne Frank	The Ball Poem	A Question Of Trust	Analytical Paragraph	Test
	Glimpses Of India	Amanda	Footprints Without Feet	Determiners	
August	Mijbil The Otter	The Tree Fog	The making Of Scientist	Modals	Test
Revision &Exam. Term I					
September	Madam Rides The Bus	The Tale Of Custard The Dragon	The Necklace	Subject- Verb Concord	Test
October	The Sermon At Benares	For Anne Gregory	Bholi	Reported Speech	Test
November	The Proposal	–	The Book That Saved The Earth	Reported Speech	Test
December	Revision &Exam. Term II				
January					
February					

SESSION – 2025 – 2026
HINDI SYLLABUS
CLASS – X ('A' + 'B') (Miss Carmela)

MONTH	HINDI LITRATURE		GRAMMAR	EXAMS
April to May	क्षतिज		कृतिका	1. रचना के आधार पर वाक्य भेद। 2. अनुच्छेद लेखन 3. पत्र लेखन Class Test
	काव्य खण्ड	गद्य खण्ड		
	• पद (सूरदास)	• नेता जी का चश्मा (स्वयं प्रकाश)	• माता का अँचल (शिवपूजन सहाय)	
	साहित्य— पद, नेता जी का चश्मा, माता का अँचल।		व्याकरण— • रचना के आधार पर वाक्य भेद • अनुच्छेद लेखन • पत्र लेखन	⇒ 1 st Periodical Test
June	• राम लक्ष्मण परशुराम संवाद (तुलसीदास) • आत्मकथ्य (जयशंकर प्रसाद)	• बालगोविन भगत (रामवृक्ष बेनीपुरी) • लखनवी अंदाज (यशपाल)	• साना-साना हाथ जोड़ि (मुध काकरिया)	4. वाच्य 5. पद परिचय Class Test
	साहित्य— राम लक्ष्मण परशुराम संवाद, लखनवी अंदाज आत्मकथ्य बालगोविन भगत, साना-साना हाथ जोड़ि		व्याकरण— • वाच्य • पद परिचय	⇒ 2 nd Periodical Test
	साहित्य— पद, राम लक्ष्मण परशुराम संवाद, आत्मकथ्य, नेता जी का चश्मा, बालगोविन भगत, लखनवी अंदाज, साना-साना हाथ जोड़ि, माता का अँचल		व्याकरण— • रचना के आधार पर वाक्य भेद • अनुच्छेद लेखन, पत्र लेखन • वाच्य • पद परिचय	⇒ 1 st Term Exam
July	• उत्साह, अट नहीं रही (सूर्यकांत त्रिपाठी निराला) यह दंतुरित मुस्कान (नागार्जुन)	एक कहानी यह भी (मन्नू भंडारी) नौबतखाने में इबादत (यतीन्द्र मिश्र)		6. अर्थालंकार 7. स्ववृत्त लेखन 8. औपचारिक ई-मेल लेखन Class Test
	साहित्य— उत्साह, अट नहीं रही, एक कहानी यह भी, यह दंतुरित मुस्कान, नौबतखाने में इबादत		व्याकरण— अलंकार, स्ववृत्त लेखन, औपचारिक ई-मेल लेखन	⇒ 3 rd Periodical Test
August	संगतकार (मंगलेश डबराल)	संस्कृति	मैं क्यों लिखता हूँ (अज्ञेय)	9. विज्ञापन लेखन 10. संदेश लेखन
	साहित्य— संगतकार, संस्कृति, मैं क्यों लिखता हूँ।		व्याकरण— विज्ञापन लेखन, संदेश लेखन, पत्र लेखन।	⇒ 4 th Periodical Test
September to January	Revision Periods			

Syllabus for class X Session 2025-2026

Subject: Mathematics

Month	Chapter	Sub- Topic	Activities
April	REAL NUMBERS	❖ Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples ❖ Proofs of irrationality of $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$	❖ Develops understanding of numbers, including the set of real numbers and its properties.
May	POLYNOMIALS	❖ develops a relationship between algebraic and graphical methods of finding the zeroes of a polynomial.	❖ Find the zeros of polynomial graphically and algebraically and verifying the relation between zeros and coefficients of quadratic polynomials
June	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	❖ Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency ❖ Algebraic conditions for number of solutions. ❖ Solution of a pair of linear equations in two variables algebraically by substitution, by elimination. ❖ Simple situational problems.	❖ Find the solution of pair of linear equations in two variables graphically and algebraically (substitution and elimination method)
July	QUADRATIC EQUATIONS ARITHMETIC PROGRESSIONS	❖ Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). ❖ Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots. ❖ Situational problems based on quadratic equations related to day-to-day activities to be incorporated ❖ Motivation for studying	❖ demonstrates strategies of finding roots and determining the nature of roots of a quadratic equation. ❖ Develops strategies to apply the concept of A.P. to daily life situations

		Arithmetic Progression ❖ Derivation of the nth term and sum of the first n terms of AP and their application in solving daily life problems.	
August	COORDINATE GEOMETRY TRIANGLES	❖ Review: Concepts of coordinate geometry. ❖ Distance formula. ❖ Section formula (internal division). ❖ Definitions, examples, counter examples of similar triangles ❖ Thales theorem and its converse ❖ Similar triangles and criteria for similar triangle	❖ Derives formulae to establish relations for geometrical shapes in the context of a coordinate plane, such as, finding the distance between two given points, to determine the coordinates of a point between any two given points.
September	CIRCLES AREAS RELATED TO CIRCLES	❖ Tangent to a circle at point of contact. ❖ (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. ❖ (Prove) The lengths of tangents drawn from an external point to a circle are equal. ❖ Area of sectors and segments of a circle. ❖ Problems based on areas and perimeter ❖ /circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60°, 90° and 120° only	❖ derives proofs of theorems related to the tangents of circles ❖ Derives and uses formulae to calculate areas of plane figures
October	❖ INTRODUCTION TO TRIGONOMETRY	❖ Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined) ❖ Motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30°, 45° and 60°.	❖ Understands the definitions of the basic trigonometric functions (including the introduction of the sine and cosine functions

	❖ HEIGHTS AND DISTANCES	Relationships between the ratios. ❖ Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$. Only simple identities to be given. ❖ Angle of elevation, Angle of Depression. ❖ Simple problems on heights and distance	
November	❖ SURFACE AREAS AND VOLUMES ❖ STATISTICS ❖ PROBABILITY	❖ Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones ❖ calculates mean, median and mode for different sets of data related with real life contexts. ❖ Applies concepts from probability to solve problems on the likelihood of everyday events	❖ Evaluates the surface areas and volumes of combinations of solids by visualization ❖ calculates mean, median and mode for different sets of data related with real life contexts. ❖ Determines the probabilities in simple real-life problems

Exam portion

Exam Name	Chapter Name
Unit test – I	Real Number , Polynomial
Term – I	Real Number , Polynomial pair of linear equations in two variables, quadratic equations, arithmetic progressions, coordinate geometry, triangles
Mock test & Pre Board	Whole chapters from NCERT book

Syllabus for class X session 2025-2026

Physec

Month	Chapter	Sub- Topic	Activities	Unit/term
April	Light : reflection and refraction	❖ Light- introduction ❖ Reflection of light ❖ Reflection through spherical mirror ❖ Concave and convex mirror ❖ refraction ❖ refractive index	❖ Lab activity work	
May	Light : reflection and refraction	❖ Refraction through rectangular glass slab ❖ Refraction through lens ❖ Convex and concave lens	❖ Prepare human eye model	
June	Light : reflection and refraction	❖ Uses of lens ❖ PYQ based on topic	❖ List use of lens	UT-I light
July	The human eyes and colorful world	❖ Human eyes ❖ Dispersion of light ❖ Refraction through glass prism ❖ Natural phenomena based on dispersion	❖ Show spectrum of light	
August	The human eyes and colorful world Electricity	❖ Atmospheric refraction and its application ❖ Natural phenomena based on Atmospheric refraction ❖ PYQ based on topic ❖ Electricity – Introduction ❖ Potential difference, current & charge ❖ Ohm's law	List natural phenomenon which happens due to atmospheric refraction	
September		Revision for term 1		Term – I exam Light : reflection and refraction The human eyes and colorful world
October	Electricity	❖ Resistance and resistivity ❖ Series and parallel combination of resistor	❖ Lab activity	

Syllabus for class X session 2025-2026

		❖ Heating effect of electricity ❖ Joules heating effect ❖ Electric power ❖ Commercial unit of electric power		
November	Magnetic effect of electric current	❖ Introduction ❖ Properties of magnetic field line - Magnetic field due to current carrying wire & circular loop ❖ solenoid ❖ electromagnet ❖ right hand thumb rule ❖ force on current carrying wire when placed between strong magnetic field ❖ Fleming left hand rule	❖ Lab activity	
December	Revision			Mock test Light : reflection and refraction The human eyes and colorful world Electricity Magnetic effect of electric current

St. Mary's English Medium School Samtoli
Biology Syllabus

STD-10
Term-1

MONTH	CHAPTER	TOPIC
APRIL-MAY	Unit II: World of Living	Life processes: 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals.
JUNE-JULY		Control and co-ordination in animals and plants: Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones.

Term-2

MONTH	CHAPTER	TOPIC
August	Unit II: World of Living	Reproduction: Reproduction in animals and plants (asexual and sexual) reproductive health – need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health.
SEPTEMBER		Heredity and Evolution: Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination; brief introduction.
OCTOBER	Unit V: Natural Resources	Our environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.
NOVEMBER – DECEMBER	Revision and Mock Tests	

Session 2025 – 2026
Syllabus Class – X, Subject – S. ST

Month	Topic	Activities
April to May	Political Science: Ch – 1 Power Sharing Geography: Ch – 1 Resources and Development (Excluding page 2 – 3, 11 – 12 Types of resource, box information) History: Ch – 1 The rise of Nationalism in Europe Economics: Ch – Development	Class Test
June to July	Geography: Ch – 2 Forest and wildlife (Excluding pg 14 – 18 from second paragraph of 'flora and fauna in India' To the Himalayan yew in trouble', box information, fig 2.1 and 2.2) Ch – 3 water resource Ch – 4 Agriculture (excluding page 43 – 46 contribution of agriculture to the national economy, employment and output, Impact of globalization on agriculture)	Class Test
August	History: Ch – 1 Nationalism in India Political Sci: Ch – 2 Federalism Economics: Ch – 2 Sectors of India Economy Ch – 3 Money and credit	Class Test
September	History: Ch – 3 The making of the Global world Ch – 4 The age of Industrialization Political Sci: Ch – 4 Gender, religion and caste (excluding images on page 46, 48, and 49) Ch – 6 Political parties (excluding page 76)	Term – I Exam
October	Political Sci: Ch – 7 Outcomes of democracy Geography: Ch – 5 Minerals and energy resources Ch – 6 Manufacturing Industries (excluding: page 64 – 66, 69 – 69, 71 – 73 contribution of industry to national economy, paragraphs from cotton textiles – India exports ... fibre industry, jute Textiles: Challenges ... products, Sugar industry: major ... baggase, iron and steel industry: in 2019 ... consumer of steel, Though ... and discuss, cement industry: improvement ... industry)	Class Test
November	Geography: Ch – 7 Lifelines of national economy Economics: Ch – 4 Globalization and the Indian economy History: Ch – 5 Print culture and the modern world	Class Test
December	Revision for Per - Board	Revision Tests
January	Revision for Per - Board	Revision Tests
February	REVISION FOR BOARD EXAMS	

INFORMATION TECHNOLOGY (SUBJECT CODE – 402)
Syllabus Class – X (Session 2025–2026)

MONTH	TOPIC	SUB TOPICS
APRIL – MAY	<u>Communication Skills</u>	– effective communication – types of communication – Methods of effective communication – Barriers of communication – importance of feedback – 7 C's of communication
	<u>Self-Management Skills</u>	– self-management – Strategies of self-management – Working Independently – Self Motivation – Emotional intelligence – Stress-management – Stress-management techniques
	<u>ICT Skills</u>	– Basic ICT operations – Operating System – Computer maintenance
JUNE	<u>Entrepreneurial Skills</u>	– Entrepreneurship and Society – Qualities of an Entrepreneur – Functions of entrepreneurs – Myths of entrepreneurs
	<u>Green Skills</u>	– Sustainable Development – Issues with Sustainable development
JULY	<u>Digital Documentation (Advanced)</u>	– Styles & formatting – Templates & Table of Contents – Images & Drawing objects – insertion, positioning, cropping
AUGUST	<u>Electronic Spreadsheet (Advanced)</u>	– Linking sheets – Creating hyperlinks – Sharing & reviewing – Macros – What-If scenarios – Goal Seek – Data consolidation – Subtotals
SEPTEMBER	Revision of topics covered from April to August	
OCTOBER	<u>Database Management System</u>	– RDBMS concepts – Keys – SQL SELECT, WHERE, ORDER BY – Forms and Reports – Data import/export
NOVEMBER	<u>Healthy & Safe Workplace</u>	– Safety & ergonomics – Workplace hazards – First aid – Data security and privacy – Green computing
	Revision of topics covered from April to November	
DECEMBER	Mock Test	

Exam Portion

FIRST TERM	Topic Covered from April to August
MOCK TEST	Entire Syllabus