

ST. MARY'S SENIOR SECONDARY SCHOOL  
YEARLY SYLLABUS (2024-25)  
CLASS – x

Month	Book Name	Chapter No. and Name
April	First Flight Footprints without feet, Grammar	Ch- Letter to God Poems- Dust Of Snow, Fire And Ice Ch- Long Walk To Freedom Ch- Triumph Of Surgery, Tenses, Reported Speech
May	First Flight Footprints without feet Grammar	Chapter 3- Two Stories About Flying,4-Diary Of Anne Frank Poem-Tiger In A Zoo, How To Tell Wild Animals Chapter 2- The Thief's Story,Ch- Footprintswithout Feet Modals, Letter Writing
		QUARTLY- EXAM
July	First Flight Footprints without feet Grammar	Analytical Paragraph Writing Ch- The Midnight Visitor Poems- Ball Poem, Amanda, Chapter-A Question of Trust Chapter 7- Glimpses Of India , Ch -The Making of a scientist Poem- Trees,Story writing ,integrated grammar
August	First Flight Footprints without feet Grammar	Ch. 8 Mijbil the Otter ,Chapter 9-Madam Rides The Bus Poem- Fog, The Tale of Custard The Dragon Ch 7-The Necklace.
September	First Flight Footprints without feet Grammar	8- The Hack Driver ,Ch - Bholi Subject Verb-Concord, subject- verb concerned,Ch 10-The Sermon At Benares Poem- For Anne Gregory
		Half-Yearly
October	First Flight Footprints without feet Grammar	Ch- 11The Proposal Ch 10- The Book That Saved The Earth Grammar, editing andomission
		Pre-Board-I
November		Revision
December		Revision
January		Pre-Board -II

## Subject - Hindi

	Book Name	Chapter No. and Name
March	क्षितिज व्याकरण	पाठ - 1 पद (सूरदास) पाठ - 10 नेताजी का चश्मा ( स्वयं प्रकाश) पाठ - 1 रचना के आधार पर वाक्य-भेद
April	क्षितिज व्याकरण	पाठ - 11 बालगोविन भगत ( रामवृक्ष बेनीपुरी ) पाठ-2 राम लक्ष्मण परशुराम संवाद (तुलसीदास) अनुच्छेद लेखन , पत्रलेखन
May	कृतिका क्षितिज व्याकरण	पाठ - 1 माता का आँचल (शिवपूजन सहाय) पाठ - 12 लखनवी अंदाज(यशपाल) पाठ -2 वाच्य शुभ कामना संदेश लेखन , Quarterly Exam
July	क्षितिज कृतिका व्याकरण	पाठ- आत्मकथ्य (जयशंकर प्रसाद) पाठ - 5 उत्साह , अट नहीं रही है (सूर्यकांत त्रिपाठी 'निराला') पाठ - 6 यह दंतुरित मुस्कान , फसल (नागार्जुन) पाठ -2 साना साना हाथ जोड़ि.... (मधु कांकरिया) पाठ - 3 पदपरिचय पाठ -4 अलंकार , विज्ञापन लेखन
August	क्षितिज कृतिका व्याकरण	पाठ - 14 - एक कहानी यह भी-- मृदुला गर्ग पाठ -16 नौबतखाने में इबादत (यतीन्द्र मिश्र) पाठ - मैं क्यों लिखता हूँ। स्ववृत्त लेखन , ईमेल लेखन,
September	क्षितिज	पाठ -17 संस्कृति पाठ - 9 संगतकार (मंगलेश डबराल ) Half yearly Examination
October		Pre -Board Exam -1
November	क्षितिज कृतिका व्याकरण	पाठ - 1 पद (सूरदास ) पाठ-3 साना साना हाथ जोड़ि.....(मधु कांकरिया) पाठ -1 रचना के आधार पर वाक्य भेद (पुनः अभ्यास )
December	क्षितिज व्याकरण	( पुनः अभ्यास ) पाठ - 2 राम- लक्ष्मण- परशुराम सम्वाद ( पुनः अभ्यास ) पाठ - 4 अलंकार, पत्र लेखन
January	क्षितिज कृतिका व्याकरण	पुनरावृत्ति कार्य

February	क्षितिज कृतिका व्याकरण	Final Exam
March		Annual exam

Sub- MATHEMATICS	
MONTH	CHAPTER TOPICS
<b>MARCH</b>	<p><b>CHAPTER 1- REAL NUMBERS</b> Ex. 1.1 Euclid's Division Lemma Ex. 1.2 Fundamental Theorem of Arithmetic Ex. 1.3 Irrationality of <math>\sqrt{2}</math>, <math>\sqrt{3}</math>, <math>\sqrt{5}</math> etc. Ex. 1.4 Decimal expansions of rational numbers Maths Activity</p> <p><b>CHAPTER 2- POLYNOMIALS</b> Ex. 2.1 Zeroes of polynomials Ex. 2.2 Relationship between Zeroes and coefficients of a polynomial Ex. 2.3 Division algorithm</p>
<b>APRIL</b>	<p><b>CHAPTER 3-PAIR OF LINEAR EQUATIONS IN TWO VARIABLES</b> Ex. 3.1 Introduction Ex. 3.2 Graphical method of solution of pair of linear equations Ex. 3.3 Substitution method Ex. 3.4 Elimination method Ex. 3.5 Cross multiplication method Ex. 3.6 Equations reducible to a pair of linear equations in two variables</p> <p><b>QUARTERLY EXAM</b></p>
<b>MAY</b>	<p><b>•CHAPTER 4 : QUADRATIC EQUATIONS</b> Ex. 4.1 Introduction Ex. 4.2 Solution of a quadratic equation by factorization Ex. 4.3 Solution of a quadratic equation by the method of completing the square and using quadratic formula Ex. 4.4 Nature of roots</p>
<b>JULY</b>	<p><b>• CHAPTER 5- ARITHMETIC PROGRESSION</b> Ex. 5.1 Introduction Ex. 5.2 <math>n^{\text{th}}</math> term of an A.P Ex. 5.3 Sum of first n terms of an A.P</p> <p><b>CHAPTER 7- CO-ORDINATE GEOMETRY</b> Ex. 7.1 Distance formula Ex. 7.2 Section formula Ex. 7.3 Area of a triangle</p>
<b>AUGUST</b>	<p><b>• CHAPTER 6- TRIANGLES</b> Ex. 6.1 Introduction Ex. 6.2 Basic proportionality theorem Ex. 6.3 Criteria for similarity of triangles Ex. 6.4 Area of similar triangles-theorem and related questions Ex. 6.5 Pythagoras theorem and converse</p> <p><b>CHAPTER 8-INTRODUCTION TO TRIGONOMETRY</b> Ex. 8.4 Trigonometric identities</p> <p><b>MENTAL MATHS</b> Value Based Questions</p>

	<p>REVISION OF CHAPTERS 1,2,3,6,8 and 14</p> <p><b>PERIODIC TEST-2</b></p>
<b>SEPTEMBER</b>	<ul style="list-style-type: none"> <li>• <b>CHAPTER 9-SOME APPLICATIONS OF TRIGONOMETRY</b> Ex. 9.1 Heights and distances</li> <li>• <b>CHAPTER 10- CIRCLES</b> Ex. 10.1 Tangent to a circle Ex. 10.2 Lengths of tangents drawn from an external point, theorem and related questions Value Based Questions Maths Activity</li> <li><b>CHAPTER 12- AREAS RELATED TO CIRCLES</b> Ex. 12.1 Perimeter and area of a circle Ex. 12.2 Area of Sector and Segment of a circle Ex. 12.3 Areas of combinations of Plane Figures</li> </ul> <p><b>HALF YEARLY EXAMINATION</b></p>
<b>OCTOBER</b>	<ul style="list-style-type: none"> <li>• <b>CHAPTER 13- SURFACE AREAS AND VOLUMES</b> Ex. 13.1 Surface area of a combination of solids Ex. 13.2 Volume of a combination of solids Ex. 13.3 Conversion of solid from one shape to another Ex. 13.4 Frustum of a cone</li> <li>MENTAL MATHS AND VALUE BASED QUESTIONS Maths Activity</li> <li><b>CHAPTER 15- PROBABILITY</b> Ex. 15.1 Introduction of basic concept of probability and related questions</li> <li>MENTAL MATHS AND VALUE QUESTIONS</li> <li><b>PRE BOARD I</b></li> <li>Periodic Test III</li> </ul>
<b>NOVEMBER</b>	<p><b>REVISION OF PREVIOUS CHAPTERS</b></p> <p><b>SAMPLE PAPERS</b></p>
<b>DECEMBER</b>	<p>Periodic Test IV</p>
<b>JANUARY</b>	<p><b>PRE BOARD II</b></p>

### Sub-SCIENCE

S.NO	CHAPTER NO. AND NAME	MONTH	WEEK	ACTIVITY
1.	CH-1 CHEMICAL REACTIONS AND EQUATIONS (CHEMISTRY) CH-6 LIFE PROCESSES (BIOLOGY) CH-12 ELECTRICITY (PHYSICS)	MARCH	3. CHEMICAL REACTIONS AND EQUATIONS, LIFE PROCESSES, ELECTRICITY 4. CHEMICAL REACTIONS AND EQUATIONS, LIFE PROCESSES, ELECTRICITY	GIVEN WORK ASSIGNMENT  CLASS TEST  (BIOLOGY) TO IDENTIFY LIGHT IS NECESSARY FOR PHOTOSYNTHESIS IN PLANT
2.	CH-1 CHEMICAL REACTIONS AND EQUATIONS (CHEMISTRY) CH-6 LIFE PROCESSES (BIOLOGY) CH-12 ELECTRICITY (PHYSICS)	APRIL	1. CHEMICAL REACTIONS AND EQUATIONS, LIFE PROCESSES, ELECTRICITY 2. CHEMICAL REACTIONS AND EQUATIONS, LIFE PROCESSES, ELECTRICITY 3. CHEMICAL REACTIONS AND EQUATIONS, LIFE PROCESSES, ELECTRICITY 4. CHEMICAL REACTIONS AND EQUATIONS, LIFE PROCESSES, ELECTRICITY	(CHEMISTRY PRACTICAL) TO STUDY DIFFERENT KINDS OF CHEMICAL REACTIONS  (BIOLOGY PRACTICAL) TO STUDY OF STOMATA BY THE LOWER SURFACE OF LEAF  CLASS TEST  GIVEN WORK ASSIGNMENT

3.	CH-2 ACIDS,BASES AND SALTS (CHEMISTRY) CH-7 CONTROL AND COORDINATION(BIOLOGY) CH-10 LIGHT-REFLECTION AND REFRACTION	MAY	1. QUARTERLY EXAM 2. QUARTERLY EXAM 3. ACIDS,BASES AND SALTS, CONTROL AND COORDINATION, LIGHT- REFLECTION AND REFRACTION 4. ACIDS,BASES AND SALTS, CONTROL AND COORDINATION, LIGHT- REFLECTION AND REFRACTION	(PHYSICS) TO STUDY OF FOCAL LENGTH OF CONCAVE AND CONVEX MIRROR  (CHEMISTRY) TO IDENTIFY VARIOUS NATURAL AND SYNTHETIC INDICATORS
5.	CH-2 METALS AND NON-METALS (CHEMISTRY) CH-7 CONTROL AND COORDINATION, CH-8 HOW DO ORGANISMS REPRODUCE? (BIOLOGY) CH-10 LIGHT-REFLECTION AND REFRACTION CH-13 MAGNETIC EFFECTS OF ELECTRIC CURRENT (PHYSICS)	JULY	1. METALS AND NON-METALS, CONTROL AND COORDINATION, LIGHT- REFLECTION AND REFRACTION  2. METALS AND NON-METALS, CONTROL AND COORDINATION, LIGHT- REFLECTION AND REFRACTION  3. METALS AND NON-METALS, HOW DO ORGANISMS REPRODUCE? , MAGNETIC EFFECTS OF ELECTRIC CURRENT 4 METALS AND NON-METALS, HOW DO ORGANISMS REPRODUCE? , MAGNETIC EFFECTS OF ELECTRIC CURRENT	(CHEMISTRY) EXPLAIN THE PHYSICAL PROPERTIES OF METALS AND NON-METALS  CLASS TEST  (PHYSICS) DEPENDENCE OF POTENTIAL DIFFERENCE ACROSS A RESISTOR ON CURRENT WITH GRAPH

6.	CH-2 METALS AND NON-METALS, CH-4 CARBON & ITS COMPOUND (CHEMISTRY) CH-8 HOW DO ORGANISMS REPRODUCE? (BIOLOGY) CH-13 MAGNETIC EFFECTS OF ELECTRIC CURRENT (PHYSICS)	AUGUST	1. PERIODIC TEST II 2. PERIODIC TEST II 3. METALS AND NON-METALS, HOW DO ORGANISMS REPRODUCE? , MAGNETIC EFFECTS OF ELECTRIC CURRENT 4. CARBON & ITS COMPOUND, HOW DO ORGANISMS REPRODUCE? , MAGNETIC EFFECTS OF ELECTRIC CURRENT	GIVEN WORK ASSIGNMENT  CLASS TEST
7..	REVISION	SEPTEMBER	REVISION & HALF YEARLY EXAM	
7.	CH-4 CARBON & ITS COMPOUND (CHEMISTRY) CH- HERIDITY & EVOLUTION (BIOLOGY) CH-11 HUMAN EYE & COLOURFUL WORLD (PHYSICS)	OCTOBER	1. CARBON & ITS COMPOUND, HERIDITY & EVOLUTION, HUMAN EYE & COLOURFUL WORLD 2. PERIODIC TEST-III 3. FIRST PREBOARD EXAM 4. FIRST PREBOARD EXAM	GIVEN WORK ASSIGNMENT (CHEMISTRY) TO STUDY OF REACTIVITY SERIES EXPERIMENT
8.	CH-15 OUR ENVIRONMENT, CH-16 MANAGEMENT OF NATURAL RESOURCES (BIOLOGY) CH-14 SOURCES OF ENERGY (PHYSICS)	NOVEMBER	OUR ENVIRONMENT, SOURCES OF ENERGY OUR ENVIRONMENT, SOURCES OF ENERGY 3. PERIODIC CLASSIFICATION OF ELEMENTS, MANAGEMENT OF NATURAL RESOURCES, SOURCES OF ENERGY 4. PERIODIC MANAGEMENT OF	(BIOLOGY) TO IDENTIFY THE DIFFERENT MODE OF REPRODUCTION  GIVEN WORK ASSIGNMENT  CLASS TEST

			NATURAL RESOURCES , SOURCES OF ENERGY	
9.	REVISION Chemistry CH 1 AND CH2 PHYSICS CH 11 AND CH 12 BIOLOGY CH 6 AND CH 8	DECEMBER	REVISION & PERIODIC TEST-IV	
10.	REVISION	JANUARY	➤ SECOND PREBOARD EXAM	

### Sub-Social Science

	Book Name	Chapter No. and Name	ACTIVITY
MARCH	GEOGRAPHY  POLITICAL SCIENCE ECONOMICS Month	CH-1- RESOURCES & DEVELOPMENT  CH-1- POWER SHARING  CH-1- DEVELOPMENT	MAP WORK
APRIL	HISTORY  GEOGRAPHY ECONOMICS  POLITICAL SCIENCE	CH-1- THE RISE OF NATIONALISM IN EUROPE  CH- 4- AGRICULTURE  CH-2- SECTORS OF INDIAN ECONOMY  CH-2- FEDERALISM	MAP WORK AND FLOW CHART
MAY	HISTORY  GEOGRAPHY ECONOMICS	CH-2- NATIONALISM IN INDIA  CH-2- FOREST AND WILDLIFE  CH-5- CONSUMER RIGHTS  ( PROJECT WORK ONLY)	FLOW CHART



		<b>QUARTERLY EXAM</b>	
<b>JULY</b>	<b>HISTORY</b>  <b>GEOGRAPHY</b>  <b>ECONOMICS</b>  <b>POLITICAL SCIENCE</b>	<b>CH-3- THE MAKING OF A GLOBAL WORLD (To be evaluated in the Board Examination )</b>  <b>CH-7- LIFE LINES OF NATIONAL ECONOMY (Only map pointing to be evaluated in the Board Examination)</b>  <b>CH-3- MONEY AND CREDIT</b>  <b>CH-3- GENDER,RELIGION&amp;CASTE</b>	<b>MAP WORK</b>  <b>FLOW CHART</b>
<b>AUGUST</b>	<b>HISTORY</b>  <b>GEOGRAPHY</b>  <b>ECONOMICS</b>	<b>CH-4- THE AGE OF INDUSTRIALIZATION (To be assessed as part of Periodic Assessments only)</b>  <b>CH-3- WATER RESOURCES</b>  <b>CH-4- GLOBALIZATION &amp; THE INDIAN ECONOMY (To be evaluated in the Board Examination)</b>  <b>(Interdisciplinary project as part of multiple assessments)</b>	<b>MAP WORK</b>  <b>GIVEN WORK FOR ASSINGMENT</b>
<b>SEPTEMBER</b>	<b>HISTORY</b>	<b>CH-5- PRINT CULTURE &amp; THE MODERN WORLD</b>  <b>HALF YEARLY EXAM</b>  <b>PRACTICAL EXAM</b>	<b>FLOW CHART</b>

<b>OCTOBER</b>	<b>GEOGRAPHY</b>  <b>ECONOMICS</b>  <b>POLITICAL SCIENCE</b>	<b>CH-5- MINERALS &amp; ENERGY RESOURCES</b> <b>CH-6- MANUFACTURING INDUSTRIES</b> <b>CH-5- OUTCOMES OF DEMOCRACY</b> <b>CH-4- POLITICAL PARTIES</b>	<b>MAP WORK</b> <b>PROJECT WORK</b>
<b>NOVEMBER</b>		<b>REVISION WORK</b>	<b>ASSIGNMENT WORK</b>
<b>DECEMBER</b>		<b>PRE-BOARD-I</b>	
<b>JANUARY</b>		<b>PRE-BOARD-II</b> <b>FINAL PRACTICAL</b>	

### Sub- IT

Month	Unit Name	THEORY	PRACTICAL
<b>April</b>	<b>Part-A</b> Unit 1: Communication Skills-II <b>Part-B</b> Unit 1: Digital Documentation (Advanced)	8	4
<b>May</b>	<b>Part-A</b> Unit 2: Self-Management Skills-II <b>Part-B</b> Unit 2: Electronic Spreadsheet (Advanced)	7	2
<b>QUARTERLY EXAM</b>			
<b>July</b>	<b>Part-A</b> Unit 3: ICT Skills-II <b>Part-B</b> Unit 2: Electronic Spreadsheet (Advanced) Unit 3: Database Management System	8	6
	<b>Part-B</b> Unit 3: Database Management System <b>Part-A</b> Unit 4: Entrepreneurial Skills-II <b>Part-B</b>	8	6

	<b>Unit 4: Maintain Health, Safety and Secure Working Environment</b>		
	<b>PERIODIC TEST 2<sup>ND</sup></b>		
<b>September</b>	<b>Unit 4: Maintain Health, Safety and Secure Working Environment</b>	4	2
	<b>HALF YEARLY EXAMS</b>		
<b>October</b>	<b>Part A</b> <b>Unit 5: Green Skills-II</b> Revision + Sample Papers	3	--
	<b>PERIODIC TEST 3<sup>rd</sup></b> <b>PRE- BOARD 1<sup>st</sup></b>		
<b>November</b>	Revision + Sample papers	13	--
<b>December</b>	Project Work + Revision Work + Lab Visit		
	<b>PERIODIC TEST 4<sup>th</sup></b>		
<b>January</b>	<b>PRE-BOARD- 2<sup>ND</sup></b>		

