

MPVM GANGAGURUKULAM
SYLLABUS BREAK-UP (2025-26)
CLASS-X

	ENGLISH
Months	Topics
April	FirstFlight-Prose-1,Poem-1,FootprintsWithoutFeet-Prose-1Grammar-Determiners.Words & Expression :-Unit1 Act:-Lencho was sent money through money order and a letter to God. What are the latest way to communicate and send money?
May	FirstFlight-Prose-2 Poem-2. Writing: A letter to the Editor, Words & Expressions :-Unit 2 Act- In the poem ' Fire and Ice ' the poet present two reasons which will lead to the destruction of the humanity. What values do you garner from the two possible causes provided by the poet?
July	FirstFlight-Prose-3,Poem-3&4,FootprintsWithoutFeet-Prose-2,Grammar-Tenses,WritingSection- letter of inquiry. Words & Expressions :-Unit 3 Act- Narrate your own stories about flying. It could be about flying in an aeroplane, or flying a kite, or about watching a bird flying. In short, anything to do with flight.
August	FirstFlight-Prose-4,Poem-5,Footprints Without Feet-Prose-3&4,Writing Section-Analytical Paragraph, Grammar- Modals. Words & Expressions :-Unit 4 Act- Discuss what you would do in the situations described below: (i) A small fire starts in your kitchen. (ii) A bicycle knocks down a pedestrian. (iii) A child starts to choke on a piece of food.
September	FirstFlight-Prose-5, Footprints Without Feet- Prose-5, Grammar – Subject- Verb and Concord. Words & Expressions :-Unit 5 (As per New Book) Act- Collect information about tea, eg- its evolution as a drink, its beneficial qualities. You can consult an encyclopedia or visit internet website.
October	FirstFlight-Prose-6,Poem:6&7,FootprintsWithoutFeet-Prose-6WritingSection-Letter of Placing Order. Words & Expressions :-Unit 6 Act- If you get an opportunity to work like Richard Ebright on projects and experiments, which field would you like to work and why? Discuss.
November	FirstFlight-Prose-8&9,Poem-8&9,Footprints Without Feet-Prose-7&8,Writing Section-Letter of Complaint , Grammar– Reported Speech. Words & Expressions :-Unit 7 & 8 Act- Valli's enthusiasm is dampened and the memory of the dead cow haunts her. In groups discuss an incident which may have troubled or discouraged you.
December	FirstFlight-Poem-10,Footprints Without Feet-Prose-9,Words & Expressions :-Unit 9 Act- Write down five adjectives or adjectival expressions of your own to describe each character in the play 'The Proposal'.
1st Unit Test	First Flight-Prose-1,Poem-1&2,FootprintsWithoutFeet-Prose-1,WritingSection-Letter to the Editor,Grammar- Gap filling, determiners.
Half-Yearly	FirstFlight-Prose-1,2,3,4 & 5 ,Poem-1-5,Footprints Without Feet-1-5,Writing Section-Letter to the Editor, Letter of inquiry, Analytical Paragraph, Grammar-Gap Filling, Editing & Omission.
Pre-Board	Complete Syllabus.

HINDI	
Month	Topics
April	क्षितिज_ पाठ_1 सूरदास के पद, पाठ_7 नेताजी का चश्मा व्याकरण_ रचना के आधार पर वाक्य भेद
May	क्षितिज - पाठ_2 राम लक्ष्मण परशुराम संवाद कृतिका - पाठ_1 माता का आंचल व्याकरण - विज्ञापन लेखन (क्रियात्मक कार्य_ रामलीला अथवा रामकथा देखने के अनुभव का सचित्र वर्णन कीजिए।)
July	UNIT 3: PART A क्षितिज_ पाठ_3 आत्मकथ्य, पाठ_8 बाल गोबिन भगत व्याकरण_ अलंकार, स्ववृत्त लेखन
August	क्षितिज_ पाठ_9 लखनवी अंदाज कृतिका_ पाठ_3 साना साना हाथ जोड़ व्याकरण_ पदपरिचय, अपठित गद्यांश (क्रियात्मक कार्य_ हिंदी महीनों को क्रमवार लिखिए तथा छः ऋतुओं के नाम भी लिखिए।)
September	क्षितिज_ पाठ_10 एक कहानी यह भी पाठ_4 उत्साह, अटन हीर ही व्याकरण_ वाच्य, अनुच्छेद लेखन
October	क्षितिज_ पाठ_5 यह दन तुरित मुस्कान, फसल पाठ_6 संगतकार कृतिका_ पाठ_5 मैं क्यों लिखता हूँ व्याकरण_ संदेश लेखन (क्रियात्मक कार्य_ किसी बाल मजदूर बच्चे का सचित्र साक्षात्कार वर्णन कीजिए एवम बालश्रम की समस्या पर अनुच्छेद लिखिए।)
November	क्षितिज_ पाठ_11 नौबतखाने में इबादत पाठ_12 संस्कृति व्याकरण_ पत्रलेखन, ईमेल लेखन
December	पुनरावृत्ति
1 st Unit Test (July)	क्षितिज_ पाठ_1,7 कृतिका_ पाठ_1 व्याकरण_ रचना के आधार पर वाक्य भेद
Half Yearly (October)	क्षितिज_ पाठ_1,2,3,7,8,9 कृतिका_ पाठ_1,2 व्याकरण_ सम्पूर्ण पाठ्यक्रम
Pre Board	सम्पूर्ण पाठ्यक्रम

SUBJECT- MATHEMATICS

MONTH	TOPICS
APRIL	Chapter1:Real number Chapter2:Polynomials Activity: MCQ test on ch.1 and ch.2
MAY	Chapter3:Pair of linear equations in two variables
JULY	Ch-4: Quadratic Equations Ch-5:ArithmeticProgression Activity: MCQ test on Ch3,4 and5
AUGUST	Ch-6:Triangles Ch-7:Coordinate geometry Activity: MCQ test on Ch,6 and 7
SEPTEMBER	Ch-8:Introduction of Trigonometry Ch-9:Applications of Trigonometry. Activity: MCQ test on Ch.6,7,8,9
Unit-1	Ch-1and2
HalfYearly	Chapter-1,2,3,4,5,6,7,8,9
OCTOBER	Ch-10:Circles Ch-11:Areas related to circles
NOVEMBER	Ch-12:Surface area and volumes,Ch.13:Statistics, Ch-14:Probability Activity: MCQ test on Ch.10,11,12,13,14
DECEMBER	Revision
Pre Board	Whole syllabus

SUBJECT-SCIENCE

MONTH	PHYSICS	CHEMISTRY	BIOLOGY	ACTIVITY
APRIL	CH-9	CH-1	CH-5	Practical usage of concave and convex mirrors.
MAY	CH-CONT...9	CH-1CONT...	CH-5CONT...	Necessity of chlorophyll for photosynthesis
JULY	CH-10	CH-2	CH-5CONT...	Thigmonasty movement in mimosa
AUGUST	CH-CONT...10	CH-2(continued)	CH-6	Power voltage rating of electrical devices.
SEPTEMBER	CH-9,10(Revision)	CH-3	CH-7	-----
Unit-1	CH-9	CH-1	CH-5 (Nutrion in Plants and Animals)	-----
Term-1	CH-9,10	CH-1,2	CH-5,6	-----
MONTH	PHYSICS	CHEMISTRY	BIOLOGY	
OCTOBER	CH-11	CH-3	CH-8	Demonstration of model of Brain
NOVEMBER	CH-12	CH-4	CH- 13(Our environment)	Periodic Table
DECEMBER	CH-12(revision)	CH-4(Revision)	CH-Revision	-----
Preboard-1	Complete syllabus	Complete syllabus	Complete syllabus	-----
Preboard-2	Complete syllabus	Complete syllabus	Complete syllabus	-----

Class X (SCIENCE)
List of Experiments
Biology Practical's

1. Preparing a temporary mount of a leaf peel to show stomata.
2. Experimentally show that carbon dioxide is given out during respiration
3. Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.
4. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).

CHEMISTRY

- 1... Finding the pH of the following samples by using pH paper/universal indicator:
 - (i) Dilute Hydrochloric Acid
 - (ii) Dilute NaOH solution
 - (iii) Dilute Ethanoic Acid solution
 - (iv) Lemon juice
 - (v) Water
 - (vi) Dilute Hydrogen Carbonate solution
- 2) Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with...
 - a) Litmus solution (Blue/Red)
 - b) Zinc metal
 - c) Solid sodium carbonate
- 3) Performing and observing the following reactions and classifying them into:
 - A. Combination reaction
 - B. Decomposition reaction
 - C. Displacement reaction
 - D. Double displacement reaction
 - (i) Action of water on quicklime
 - (ii) Action of heat on ferrous sulphate crystals
 - (iii) Iron nails kept in copper sulphate solution
 - (iv) Reaction between sodium sulphate and barium chloride solutions
- 4). Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:
 - i) $\text{ZnSO}_4(\text{aq})$
 - ii) $\text{FeSO}_4(\text{aq})$
 - iii) $\text{CuSO}_4(\text{aq})$
 - iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$Arranging Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above results.
- 5) . Study of the following properties of acetic acid (ethanoic acid).
 - i) Odour
 - ii) Solubility in water
 - iii) Effect on litmus
 - iv) Reaction with Sodium Hydrogen Carbonate
- 6) . Study of the comparative cleaning capacity of a sample of soap in soft and hard water.

PHYSICS

1. Determination of the focal length of:
 - i) Concave mirror
 - ii) Convex lensBy obtaining the image of a distant object.
2. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
3. Tracing the path of the rays of light through a glass prism.

SUBJECT – SOCIAL SCIENCE

MONTH	HISTORY	CIVICS	GEOGRAPHY	ECONOMICS
APRIL	The Rise of Nationalism in Europe (Map of different countries)		Resource and Development (Activity – Land Use pattern map, soil map of India)	
MAY		Power Sharing (Map work)		Development (Data interpretation and picture explanation activity)
JULY	Print, Culture & the Modern World (time chart , about novels and writers)		Forest and wildlife (Location of wild life sanctuaries National parks,Project Tigers)	Sectors of Indian Economy (Graphical representation of datas)
AUGUST	Making of a Global World (To be evaluated in the Board Examination Subtopics: 1 to 1.3 Pre Modern World to Conquest, Disease and trade)	Federalism (About Scheduled languages)	Water Resource (Picture collection on traditional Rain water harvesting methods)	Sectors of Indian Economy (cont)
SEPTEMBER	Making of a Global World (Interdisciplinary project as part of multiple assessments Subtopics 2 to 4.4-The nineteenth century (1815-1914) to end of Bretton Woods & the beginning of "Globalization".	Gender, Religion & Caste (secularism and caste effects)	Agriculture (Map activity	Money and Credit (Flow chart on functioning of Banks)
OCTOBER		Political Parties National and regional political parties)	Minerals and Energy Resource (Map work)	Money and Credit (cont)
NOVEMBER	Nationalism in India (Map Work)	Outcomes of Democracy (positive impacts of democracy)	Manufacturing Industries (Map work)	Globalisation and Liberalisation(Interdisciplinary Projects)
DECEMBER	REVISION	REVISION	REVISION	REVISION
JANUARY	REVISION	REVISION	REVISION	REVISION
FEBUARY	REVISION	REVISION	REVISION	REVISION
UNIT -I		Power Sharing	Resource and development	Development
HALF YEARLY	1.The Rise of Nationalism in Europe 2.Print,culture& the Modern World	1.Power Sharing 2.Federalism 3.Gender,Religion and Caste	Ch – 1, 2, 3,4	Ch- 1,2
PRE-BOARD	Entire course	Entire course	Complete syllabus	Complete syllabus
BOARD EXAMS	Entire course	Entire course	Complete syllabus	Complete syllabus

IT AND AI

Month& Exam	CLASS 10(IT) INFORMATION TECHNOLOGY	CLASS 10 (AI) ARTIFICIAL INTELLIGENCE
April	UNIT 1: PART A Communication Skills Session 1,2,3 UNIT 1: PART B Digital Documentation Session 1,2	UNIT 1: PART A Communication Skills Session 1,2,3 UNIT 1: PART B Revisiting AI Project Cycle Session 1,2
May	UNIT 2: PART A Self-Management Skills UNIT 1: PART B Digital Documentation Session 3,4,5	UNIT 2: PART A Self-Management Skills UNIT 1: PART B Revisiting AI Project Cycle Session 3,4,5
July	UNIT 3: PART A Basic ICT Skills II UNIT 2: PART B Electronic Spreadsheet(Advanced) Session 1,2	UNIT 3: PART A Basic ICT Skills II UNIT 2: PART B Advance Concepts of Modeling in AI Session 1,2
August	UNIT 4: PART A Entrepreneurial Skills Session 1,2 UNIT 2: PART B Electronic Spreadsheet(Advanced) Session 3,4	UNIT 4: PART A Entrepreneurial Skills Session 1,2 UNIT 2: PART B Advance Concepts of Modeling in AI Session 3,4
September	UNIT 4: PART A Entrepreneurial Skills Session 3 UNIT 3: PART B Database Management System Session 1,2	UNIT 4: PART A Entrepreneurial Skills Session 3 UNIT 3: PART B Evaluating Models Session 1,2,3,4,5
October	UNIT 5: PART A Green Skills UNIT 3: PART B Database Management System Session 3,4,5	UNIT 5: PART A Green Skills UNIT 4: PART B Statistical Data Session 1,2
November	UNIT 3: PART B Database Management System Session 6,7,8 UNIT 4: PART B Web Application and Security Session 1,2,3,4	UNIT 5: PART B Computer Vision Session 1,2,3,4 UNIT 6: PART B Natural Language Processing Session 1,2,3,4
December	UNIT 4: PART B Web Application and Security Session 5,6,7,8	UNIT 7: PART B Advance Python Session 1,2,3
January	_____	_____
February	_____	_____
I UnitTest(July)	UNIT 1: PART A Communication Skills UNIT 1: PART B Digital Documentation	UNIT 1: PART A Communication Skills UNIT 1: PART B Revisiting AI Project Cycle Session 1,2

Half Yearly(October)	PART A: UNIT 1: Communication Skills UNIT 2: Self Management Skills UNIT 3: Basic ICT Skills UNIT 4: Entrepreneurial Skills PART B: UNIT 1: Digital Documentation UNIT 2: Electronic Spreadsheet (Advanced)	PART A: UNIT 1: Communication Skills UNIT 2: Self Management Skills UNIT 3: Basic ICT Skills UNIT 4: Entrepreneurial Skills PART B: UNIT 1: Revisiting AI Project Cycle UNIT 2: Advance Concepts of Modeling in AI UNIT 3: Evaluating Models
Pre Board	Full Syllabus	Full Syllabus
II Unit Test(July)	-----	-----
Annual Exam	-----	-----