

MPVM GANGAGURUKULAM
SYLLABUS BREAK-UP (2026-27)
CLASS-X

	ENGLISH
Months	Topics
April	<p>First Flight-Prose- A Letter to God,, Poem1& 2-Dust of Snow ,Fire and ice ,Footprints Without Feet-Prose- A triumph of surgery, Grammar-Determiners. Words & Expression :-Unit1</p> <p>Act:-Lencho was sent money through money order and a letter to God. What are the latest way to communicate and send money?</p>
May	<p>First Flight-A long walk to freedom, Poem-A tiger in the zoo. , Footprints Without Feet-Prose-The Thief's Story,Writing: A letter to the Editor, Words & Expressions :-Unit 2</p> <p>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?</p>
JUNE	<p>First Flight-Prose-Two stories about flying ,Poem-4 How to tell wild animals</p> <p>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.</p>
July	<p>First Flight-Prose-From the diary of Anne Frank, Poem-The Ball poem, Footprints Without Feet-Prose- The Midnight visitor , A question of trust ,Grammar-Tenses,</p> <p>Writing Section- letter of inquiry. Words & Expressions :-Unit 3</p> <p>Act- Write a diary entry as Anne reflecting on a current modern day stressful event.</p>
August	<p>First Flight Prose-Glimpses of India , Mijbil the otter Poem-Amanda, The trees , Footprints Without Feet-Prose-, Footprint without feet ,The making of a scientists</p> <p>Writing Section-Analytical Paragraph, Grammar -Modals. Words & Expressions :-Unit 4</p> <p>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.</p>
September	<p>First Flight-Prose-, Madam rides the bus ,Poem:Fog ,The tale of custard the dragon, Footprints Without Feet-Prose-, The Necklace, Bholi, Grammar – Subject- Verb and Concord. Words & Expressions :-Unit 5 (As per New Book)</p> <p>Act- Collect information about tea, eg- its evolution as a drink, its beneficial qualities. You can consult an encyclopaedia or visit internet website.</p>
October	<p>First Flight-Prose-The sermon at Baneres , The Proposal(play) ,Poem; For Anne Gregory ,Footprints Without Feet-Prose-, The book that saved the earth, Grammar- Reported speech, Writing Section-Letter of Placing Order, Letter of complaint</p> <p>Words & Expressions :-Unit 6 &7</p> <p>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.</p>
NOVEMBER	<p>Words & Expressions :-Unit 8</p> <p>REVISION</p>
December	<p>REVISION</p>
1st Unit Test	<p>First Flight-Prose-1,Poem-1&2,FootprintsWithoutFeet-Prose-1,WritingSection-Letter to the Editor, GrammarGap filling, determiners.</p>
Half-Yearly	<p>FirstFlight-Prose-1,2,3,4 & 5 ,Poem-1-6,Footprints Without Feet-1-5,Writing Section-Letter to the Editor, Letter of inquiry, Analytical Paragraph, Grammar-Gap Filling, Editing & Omission.</p>
Pre-Board	<p>Complete Syllabus.</p>

Syllabus

HINDI : CLASS X, SESSION 2026-27*

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, संदेश -लेखन

(क्रियात्मककार्य_ रामलीला अथवा रामकथा देखने के अनुभव का सचित्र वर्णन कीजिए।)

July

क्षितिज_

पाठ_3 आत्मकथ्य,

पाठ_8 बालगोबिन भगत

व्याकरण_अलंकार, स्ववृत्तलेखन

August

क्षितिज_

पाठ_9 लखनवी अंदाज

कृतिका_पाठ_3 साना- साना- हाथ- जोड़ि।

व्याकरण_ पद परिचय, पत्र लेखन, ई-मेल लेखन, अपठित गद्यांश

(क्रियात्मक कार्य_ हिंदी महीनों को क्रमवार लिखिए तथा छःऋतुओं के नाम भी लिखिए।)

September

क्षितिज_

पाठ_10 एक कहानी यह भी

पाठ_4 उत्साह, अट नहीं रही

व्याकरण_ वाच्य, अनुच्छेद लेखन।

October

क्षितिज_

पाठ_5 यह दन्तुरित मुस्कान, फसल

पाठ_6 संगतकार

कृतिका_ पाठ_5 मैं क्यों लिखता हूं

(क्रियात्मक कार्य_ किसी बाल मजदूर बच्चे का सचित्र साक्षात्कार वर्णन कीजिए एवं बाल-श्रम की समस्या पर अनुच्छेद लिखिए।)

November

क्षितिज_

पाठ_11 नौबतखाने में इबादत

पाठ_12 संस्कृति

December

पुनरावृत्ति

1st UnitTest (July)

क्षितिज_ पाठ_1,7

कृतिका_ पाठ_ 1

व्याकरण_ रचना के आधार पर वाक्य भेद

Half Yearly (September/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
JUNE	Chapter 4: Quadratic Equations
JULY	Ch-5:ArithmeticProgression Ch.6: Triangles Activity: MCQ test on Ch3,4 and5
AUGUST	Ch-7:Coordinate geometry Ch.8: Introduction of Trigonometry Activity: MCQ test on Ch,6 and 7
SEPTEMBER	Ch-9:Applications of Trigonometry. Ch.10: Circles Activity: MCQ test on Ch.6,7,8,9
Unit-1	Ch-1,2and 3
HalfYearly	Chapter-1,2,3,4,5,6,7,8,9
OCTOBER	Ch-11:Areas related to circles Ch.12: Surface area and Volume Ch.13: Statistics Ch.14: Probability Activity: MCQ test on Ch.10,11,12,13,14
NOVEMBER	Revision
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-10	CH-1CONT...	CH-5CONT...	Necessity of chlorophyll for photosynthesis
JUNE	CH-10	CH-2	CH-5CONT...	Activity based on fermentation.
JULY	CH-CONT...10 (Revision)	CH-2(continued)	CH-6	Study of passage of light through glass prism and glass slab
AUGUST	CH-11	CH-1,2 (Revision)	CH-7	- Demonstration of model of Brain -- ---
SEPTEMBER	CH-12	Ch-3	CH-8	Identify the nature of chemicals using ph paper
Unit-1	CH-9	CH-1	CH-5 (Nutrition and respiration in Plants and Animals)	-----
Term-1	CH-9,10	CH-1,2	CH-5,6	
MONTH	PHYSICS	CHEMISTRY	BIOLOGY	
OCTOBER	Revision CH-11 AND 12	CH-4	CH- 13(Our environment)	Activity on waste management
NOVEMBER	Revision of complete syllabus and sample papers.	Revision of complete syllabus Sample papers	Revision of complete syllabus Sample papers	
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 di cot 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 thei 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) $ZnSO_4(aq)$ ii) $FeSO_4(aq)$
 iii) $CuSO_4(aq)$
 iv) $Al_2(SO_4)_3(aq)$
 Arranging Zn, 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 lens
 By 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.
4. Experimental verification of Ohm's law
5. Verification of combination of resistances in series and parallel combination

SUBJECT – SOCIAL SCIENCE

MONTH	HISTORY	CIVICS	GEOGRAPHY	ECONOMICS
APRIL	The Rise of Nationalism in Europe (continued)	Power Sharing	Resource and Development (Activity – Land Use pattern map, soil map of India)	Development (Activity- Data interpretation and picture explanation Activity)
MAY	The Rise of Nationalism in Europe		Forest and wildlife (Location of wild life sanctuaries National parks, Project Tigers)	
June	Nationalism in India		Forest and wildlife (Cont)	
JULY	Nationalism in India (Map Work)	Federalism (About Scheduled languages)	Water Resource (Picture collection on traditional Rain water harvesting methods)	Sectors of Indian Economy (Graphical representation of data)

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)	Gender, Religion & Caste (secularism and caste effects)	Agriculture (Map activit	Money and Credit (Flow chart on functioning of Banks)
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".	Political Parties (National and regional political parties)	Minerals and Energy Resource Activity-Map work)	Money and Credit (cont)
OCTOBER	Print,Culture and the Modern World (Novels, writers and theme)	Outcomes of Democracy (positive impacts of democracy)	Manufacturing Industries (Map work)	Globalisation and Liberalisation(Interdisciplinary Projects)
NOVEMBER	REVISION	REVISION	REVISION	REVISION
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. Nationalism in India (with map) 3. Making of a Global 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

Month	CLASS 10 (DESIGN)
April	PART A UNIT 1 (Communication Skills) Session 1,2,3,4 PART B 1- Fundamentals of Communication 2- Fundamentals of Story Creation
May	PART A UNIT 1 (Communication Skills) Session 5,6,7 PART B 3- Introduction to Creativity
June	
July	PART A UNIT 2 (Self Management Skills) Session 1,2,3,4,5 PART B 4- Design project 3 with focus on Creativity and Ideation. 5- Fundamentals of Animation.
August	PART A UNIT 3 (Information and Communication Technology Skills) Session 1,2,3,4 PART B 6- Fundamentals of Sustainability and Design.
September	PART A UNIT 4 (Entrepreneurial Skills) Session 1,2,3,4 PART B 7- Introduction to Prototyping and Feedback
October	PART A UNIT 5- (Green Skills) Session 1,2 PART B 8- Design project 4 with focus on Prototyping and Feedback
November	PREBOARD - I
I UnitTest(July)	UnitTest 1 (July) UNIT 1: PART A Communication Skills(Session 1, 2,3) PART B 1-Fundamentals of Communication 2-Fundamentals of Story Creation.
Half Yearly(SEPTEMBER)	PART A UNIT 1, UNIT 2, UNIT 3 PART B Semester 1 (Chapter 1,2,3,4) Semester 2 (Chapter 5)
Pre Board 1 (NOVEMBER)	WHOLE SYLLABUS

Month	CLASS 10 (AI)
April	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 Revisiting AI Project Cycle Session 3,4,5
June	UNIT 7 ADVANCE PYTHON
July	UNIT 3: PART A Basic ICT Skills II UNIT 2: PART B Advance Concepts of Modeling in AI Session 1,2,3,4
August	UNIT 4: PART A Entrepreneurial Skills Session 1,2 UNIT 3: PART B Evaluating Models Session 1,2,3,4,5
September	UNIT 4: PART A Entrepreneurial Skills Session 3 UNIT 4: PART B Statistical Data Session 1,2
October	UNIT 5: PART A Green Skills UNIT 5: PART B Computer Vision Session 1,2,3,4
November	UNIT 6: PART B Natural Language Processing Session 1,2,3,4 PREBOARD I
December	REVISION AND PROJECT DISCUSSION PREBOARD II
I UnitTest(July)	UNIT 1: PART A Communication Skills UNIT 1: PART B Revisiting AI Project Cycle Session 1,2
Half Yearly(SEPTEMBER)	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
II Unit Test (November)	-----
Annual Exam	-----

PHYSICAL ACTIVITY TRAINER

MONTHS	CHAPTERS
APRIL	PART A : UNIT 1 – COMMUNICATION SKILLS II PART B : UNIT 1 – ROLES AND RESPONSIBILITIES OF EARLY YEARS PHYSICAL ACTIVITY FACILITATOR. #VOLLYBALL COURT MEASUREMENTS AND EQUIPMENTS.
MAY & JUNE	PART A : UNIT 1 – COMMUNICATION SKILLS II (CONT....) PART B : UNIT 1 -ROLES AND RESPONSIBILITIES OF EARLY YEARS PHYSICAL ACTIVITY FACILITATOR .(CONT....) #BASKETBALL COURT MEASUREMENTS AND EQUIPMENTS.
JULY	PART A : UNIT 2 – SELF MANAGEMENT SKILLS -II PART B : UNIT 2 – ASSESSMENT AND EVALUATION OF STUDENTS. # KHO-KHO COURT MEASUREMENTS AND EQUIPMENTS
1ST UNIT TEST	PART A : UNIT 1 PART B : UNIT 1
AUGUST	PART A : UNIT 3- ICT SKILLS II (CONT..) PART B : UNIT 3 – FREE -PLAY #. BADMINTON COURT MEASUREMENTS AND EQUIPMENTS.
SEPTEMBER	PART A : UNIT 3 - ICT SKILLS II (CONTI...) PART B : UNIT 4 –MONITORING AND INVENTORY MANAGEMENT
HALF - YEARLY	PART A : UNIT 1 – 3 PART B : UNIT 1 & 2
OCTOBER	PART A : UNIT 4 – ENTREPRENEURSHIP SKILLS -II PART A : UNIT 5 – GREEN SKILLS II
NOVEMBER	PART A : UNIT 4 – ENTREPRENEURSHIP SKILLS -II (CONT..) PART A : UNIT 5 – GREEN SKILLS II (CONT..)
DECEMBER	SYLLABUS COMPLETED FULL SYLLABUS REVISION AND PRE BOARD
JANUARY	REVISION AND PRE BOARD
ANNUAL EXAMINATION	