

MPVMGANGAGURUKULAM
SYLLABUSBREAK-UP(2022-23)
CLASS -X

ENGLISH	
Months	Topics
April	First Flight-Prose-1,Poem-1,Foot prints Without Feet-Prose-1 Grammar - Determiner
May	First Flight-Prose-2Poem-2
July	First Flight-Prose- 3, Poem-3&4, Footprints Without Feet-Prose-2, Grammar-Tenses, Writing Section- Letter to editor & letter of inquiry.
August	FirstFlight-Prose-4,Poem-5,FootprintsWithoutFeet-Prose-3&4,WritingSection-Analytical paragraph, Grammar- Modals
September	FirstFlight-Prose-7
October	FirstFlight-Prose-8,Poem-6&8,FootprintsWithoutFeet- 5,Prose-5,6 Writing Section- Letterplacingorder,Grammar-Subject, verb & concord
November	FirstFlight-Prose-9&10, Poem-9&10, Footprints Without Feet-Prose-7,Writing Section- Letter of Complaint, Grammar – Reported speech
December	FirstFlight-Prose11, Footprints Without Feet-Prose-9,10, Poem - 11
1 st UnitTest	First Flight-Prose-1&2,Poem-1&2,Footprints Without Feet-Prose-1,Writing Section-Letter to the Editor, Grammar-Gap filling, determiners
Half-Yearly	FirstFlight-Prose-1,2,3,4 &7,Poem-1-5,Footprints WithoutFeet-1-5,WritingSection-Letter to the Editor, Letter of inquiry, Analytical paragraph, Grammar-Gap Filling, Editing & Omission
Pre-Board	CompleteSyllabus

HINDI			
	क्षितिज	कृतिका	व्याकरण
अप्रैल	पाठ-1 सूर के पद पाठ-7 नेताजी का चश्मा	-----	रचना के आधार पर वाक्य भेद
मई	पाठ- 2 राम- लक्ष्मण- परशुराम संवाद	पाठ 1 माता का आंचल	विज्ञापन लेख
जुलाई	पाठ- 3 आत्मकथ्य पाठ- 8 बालगोबिनभगत	-----	अलंकार, स्ववृत्त- लेखन
अगस्त	पाठ- 9 लखनवी अंदाज	पाठ-3 साना- साना हाथ जोड	पद परिचय, अपठित गद्यांश
सितंबर	पाठ- 10 एक कहानी यह भी पाठ- 4 उत्साह अट नहीं रही	-----	वाच्य, अनुच्छेद लेखन
अक्टूबर	पाठ- 5 यह दंतुरित मुस्कान फसल पाठ- 6 संगतकार	पाठ- 5 मैं क्यों लिखता हूँ	संदेश लेखन
नवंबर	पाठ-11 नौबत खाने में इबादत पाठ- 12 संस्कृति	-----	पत्र- लेखन, ईमेल- लेखन
दिसंबर	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
Unit-1	पाठ-1,7	पाठ- 1	रचना के आधार पर वाक्य भेद
Half-yearly	पाठ-1,2, 3,7,8,9	पाठ- 1,3	संपूर्ण पाठ्यक्रम
Pre-board	संपूर्ण पाठ्यक्रम	संपूर्ण पाठ्यक्रम	संपूर्ण पाठ्यक्रम

SUBJECT- MATHEMATICS

MONTH	TOPICS
APRIL	Chapter 1: Real numbers Chapter 2: Polynomials
MAY	Chapter 3: Pair of linear equations in two variables
JULY	Ch-4: Quadratic Equations Ch-5: Arithmetic Progression
AUGUST	Ch-6: Triangles Ch-7: Coordinate geometry
SEPTEMBER	Ch-8: Introduction of Trigonometry Ch-9: Applications of Trigonometry.
Unit-1	Ch-1 and 2
Half Yearly	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
DECEMBER	Ch-14: Probability, Revision
PreBoard	Whole syllabus

SUBJECT-SCIENCE

MONTH	PHYSICS	CHEMISTRY	BIOLOGY
APRIL	CH-9	CH-1	CH-5
MAY	CH-CONT...9	CH-1CONT...	CH-5CONT...
JULY	CH-10	CH-2	CH-5CONT...
AUGUST	CH-CONT...10	CH-2(continued)	CH-6
SEPTEMBER	CH-9,10(Revision)	CH-3	CH-7
Unit-1	CH-9	CH-1	CH-5
Term-1	CH-9,10	CH-1,2	CH-5,6
MONTH	PHYSICS	CHEMISTRY	BIOLOGY
OCTOBER	CH-11	CH-3	CH-8
NOVEMBER	CH-12	CH-4	CH-(Our environment)
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) $ZnSO_4(aq)$
 - 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 practical

3. Determination of the focal length of:
 - i) Concave mirror
 - ii) Convex lensby obtaining the image of a distant object.
4. 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.
5. Tracing the path of the rays of light through a glass prism.

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SUBJECT –SOCIAL SCIENCE

Month	CIVICS	HISTORY	GEOGRAPHY	ECONOMICS
APRIL	CH1	Ch 1	Ch 1	Ch 1
MAY	-	Ch 1(continued)	Ch 2	
JULY	Ch2	Ch3	Ch 2(con) Ch3	Ch 2
AUG.	Ch 3	Ch4	Ch 3(con),Ch 7(Interdisciplinary project)	Ch2(continued), Ch4(Interdisciplinary project)
SEPT.		Ch 2	Ch 4	Ch 3
UNIT1	Ch1	-	Ch 1	-
HALF YEARLY	Ch1,2	Ch1,2,	Ch1,2,3,4	Ch1,2

MapworkfromChapter1, 2, 3, 4(Geo.)

MapworkfromChapter-3(Hist.)

Month	CIVICS	HISTORY	GEOGRAPHY	ECONOMICS
Oct.	Ch4	---	Ch5	Ch4
Nov.	Ch5	Ch5	Ch 6,7	
Dec.	Revision	Revision	Revision	Revision
Dec-Jan	PreBoards	PreBoards	PreBoards	PreBoards
ANNUAL	Completesyllabus	Completesyllabus	Completesyllabus	Completesyllabus

Mapworkfromall the chaptersofGeography&ChapterNo.3fromHistory.

SUBJECT-INFORMATIONTECHNOLOGY402

MONTH	TOPIC
APRIL-MAY	UNIT-1 COMMUNICATION SKILLS
JULY	UNIT 1 - COMMUNICATION SKILLS UNIT 4- WEB APPLICATIONS AND SECURITY
AUGUST	UNIT 2- SELF MANAGEMENT UNIT 3 – DATABASE MANAGEMENT
SEPTEMBER	UNIT 1 DIGITAL DOCUMENTATION UNIT 4- ENTREPRENEUR SKILLS
OCTOBER	UNIT 2- SPREADSHEET APPLICATION UNIT 5- GREEN SKILLS
NOVEMBER	UNIT 3- BASIC ICT SKILLS
DECEMBER	UNIT 5 – GREEN SKILLS REVISION
JANUARY	PRE BOARD
FEBRUARY	PRE BOARD

UT-1

Unit 1 COMMUNICATION SKILLS

Unit 4 WEB APPLICATIONS

HALF YEARLY

PART A - Unit 1 COMMUNICATION SKILLS

Unit 2 SELF MANAGEMENT

PART B - Unit 3 DATABASE MANAGEMENT

Unit 4 WEB APPLI

PREBOARD COMPLETE SYLLYBUS