



INDIAN SCHOOL SOHAR

SYLLABUS BREAK UP - CLASS - X (2021-22)

MONTH	ENGLISH	HINDI	ARABIC	MALAYALAM	MATHS	SCIENCE	SOCIAL SCIENCE	ART	COMPUTER SCIENCE	HPE
March	<p>Literature Reader (First Flight) ②</p> <p>1. A Letter To God (Prose) 2. Dust of Snow(Poem) 3. Fire and Ice (Poem) 4. Nelson Mandela: Long....(Prose)</p> <p>Supplementary Reader (Footprints Without Feet)</p> <p>1. A Triumph of Surgery 2. The Thief's Story</p> <p>Writing & Grammar</p> <p>1. Letter to the Editor 1.Direct and Indirect Speech</p>	<p>BOOK S SPARSHA PART -2 SANCHAYAN PART-2"</p> <p>पाठ्यक्रम विभाजन</p> <p>*बड़े भाई साहब</p> <p>*साखी (कबीर)</p> <p>GRAMMAR AND WRITING</p> <p>*मुहावरे</p> <p>*पदबंध</p>	<p>Lessons- 1,2,3</p> <p>Grammar- جملة فعلية (F'il,Faa'il and Ma'ool Bihi)</p> <p>Grammar -Marfoo'aat مرفوعات</p> <p>Paragraph writing: مكتبة المدرسة، معلمي</p> <p>Poem - عصفور الجنة</p>	<p>Kadaltheerathu Lakshmana Santhwanam</p>	<p>Real numbers/ polynomials/ linear equations in two variables,linear equations in two variables</p>	<p>PHY: Reflection of light by curved surface ,Images formed by spherical mirrors. Terms related to mirrors ,Refraction of light by spherical lens; Image formed by spherical lenses,Lens formula, Magnification. Power of a lens, Functioning of a lens in human eye,</p> <p>CHE:UNIT: CHEMICAL REACTIONS AND EQUATIONS:Chemical Equations (Introduction) and their balancing Types of chemical reactions, Oxidation, Reduction, Corrosion & Rancidity</p> <p>BIO:Life Processes – Intro, Autotrophic Nutrition ,Heterotrophic Nutrition, Respiration ,Transportation in humans ,Transportation in Plants, Excretion in Humans & plants</p>	<p>Resources and Development</p> <p>The Rise of Nationalism in Europe</p> <p>Economic Development</p>	<p>Introduction about Art (Study of Lines, Strokes, Colours, Shades, Tones and Textures), Ink wash drawing</p>	<p>Curriculum: Python & Artificial Intelligence</p> <p>Need & Importance of Coding,Use of Computers in different domains,Highlights of Python & AI,UNIT-1: Introduction to Python,Unit-2: Basic Python programs</p> <p>Introduction to variables – variables declarations & variable definitions, Datatypes in Python. Datatype conversion,Comments – Single line & Multi line ,input() method & print() method int, float inputs</p>	<p>Physical Fitness</p>
Apr.	<p>Literature Reader</p> <p>5. A Tiger in the Zoo (Poem) 6. Two Stories About Flying (Prose) 7. The Ball (Poem) 8.From the Diary of Anne Frank(Prose)</p> <p>Supplementary Reader (Footprints Without Feet)</p> <p>3. Footprints Without Feet</p> <p>Writing & Grammar</p> <p>2. Letter of Complaint 2.Sub-Verb Concord 3. Determiners</p>	<p>BOOK S SPARSHA PART -2 SANCHAYAN PART-2"</p> <p>*हरिहर काका</p> <p>*पद (मीरा)</p> <p>GRAMMAR AND WRITING</p> <p>*अनुच्छेद लेखन</p> <p>*समास</p> <p>*अपठित गद्यांश</p>	<p>Lessons-5,6,7,9</p> <p>Grammar -منصوبات</p> <p>Grammar - Numbers from 1 to 10 with their Ma'dood</p> <p>Poem - القلم</p>	<p>Non detailed:1,2,3 Yudhathinde Parinamam</p> <p>Non detailed:4,5,6,7</p>	<p>Linear equations in two variables , Quadratic equations, Quadratic equations/ arithmetic progressions, Arithmetic progressions</p>	<p>PHY: Defects of vision and their corrections, applications of spherical mirrors and lenses</p> <p>Refraction of light through a prism, dispersion of light, scattering of light, applications in daily</p> <p>Electric current, potential difference and electric current.</p> <p>Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends.</p> <p>CHE: UNIT: ACIDS , BASES & SALTS Indicators, Chemical Properties</p> <p>pH and its applications</p> <p>Salts-Preparation, properties & uses,</p> <p>BIO:Control and co-ordination in plants and animals- Intro, Neuron,Human Brain, Coordination in Plants,Hormones in Animals</p> <p>How Do Organisms Reproduce?</p>	<p>Power Sharing</p> <p>Forest and Wildlife (To be assessed in the PT only)</p> <p>Federalism</p> <p>Democracy and Diversity (To be assessed in the PT only)</p>	<p>Abstract painting,</p> <p>Traditional Art (Kalamkari Painting)</p>	<p>Python programming continued</p>	<p>Khelo India Programme/ activities , Yoga/Brain Gym. exercise</p>



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May	Literature Reader 8.From the Diary of Anne Frank(Prose) 9.Amanda(Poem) Supplementary Reader (Footprints Without Feet) 4 The Making of a Scientist Writing & Grammar 4. Modals	BOOK S SPARSHA PART -2 SANCHAYAN PART-2" *डायरी का एक पन्ना *ततराँ-वामीरो कथा पुनरावृत्ति, GRAMMAR AND WRITING *पत्र लेखन पुनरावृत्ति	Lessons -10,11,12 Grammar – Dual in Arabic – المثني Grammar - الضمانر Pronouns	Priyadarsanam Non detailed:8,9 Panayam	Arithmetic progressions/ triangles	Series combination of resistors, parallel combination of resistors and its applications in daily life. BIO:- Asexual Reproduction	The Sectors of the Indian Economy	Collage Making, Clay modelling	Introduction to if-else conditional statement	Yoga/Brain Gym. exercise	
	PA- I EXAMINATION										
June	Supplementary Reader (Footprints Without Feet) 5. The Necklace Writing & Grammar 4. Modals (Cont.) 3.Letter Placing Order	BOOK S SPARSHA PART -2 SANCHAYAN PART-2" *मनुष्यता GRAMMAR AND WRITING *विज्ञापन लेखन	Lessons- 13 Paragraph writing: تاج محل، حيواني الأليف	Ammathottil	Triangles	Triangles	PHY: Heating effect of electric current and its applications in daily life, Electric power, Interrelation between P, V, I and R .CHE: UNIT: METALS AND NON-METALS, BIO: Sexual Reproduction- Introduction, Sexual Reproduction In Plants	Nationalism in India Gender, Religion and Caste	Clay modelling	Python Programming continued	International Day of Yoga celebration
	SUMMER BREAK										
July											
Aug.	Literature Reader 10. The Hundred Dresses - I(Prose) "11. The Hundred Dresses - II(Prose) 12. Animals (Poem) 13. Glimpses of India (Prose) Supplementary Reader (Footprints Without Feet) 6. The Hack Driver Writing & Grammar 4.Analytical Paragraph	BOOK S SPARSHA PART -2 SANCHAYAN PART-2" *तीसरी कसम के शिल्पकार *अब कहाँ दूसरे ... *पर्वत प्रदेश में पावस *गिरगिट (केवल पठन) GRAMMAR AND WRITING *रचना के आधार पर वाक्य रूपांतरण *सूचना लेखन *अलंकार (अनुप्रास, यमक, उपमा, रूपक, अतिशयोक्ति, मानवीकरण)	Grammar – نواصب المضارع و جوازمه Poem 14 – من حنايا الغريب Lessons- 15,16 Grammar- Sound plural (Male and Female) Grammar- Broken plural جمع مكسر	Onamuttathu Aathmavinte Velipadukal, Michalanchalo- Mappu	Triangles, coordinate geometry/ introduction to trigonometry	PHY: Magnetic field, field lines, field due to a current carrying conductor,Force on current carrying conductor, Fleming's Left-Hand Rule, Induced potential difference, Induced current. Fleming's Right-Hand Rule, Electric Motor, Electric Generator, Electromagnetic induction. CHE: Occurance of metals & refining of metals Corrosion & prevention, UNIT: CARBON AND ITS COMPOUNDS Bonding & Versatile nature of carbon compounds *Saturated and Unsaturated hydrocarbons ,*Homologous series Nomenclature of carbon compounds. BIO: Sexual Reproduction In Plants,Sexual Reproduction In Human Beings,Reproductive Health,Hereditiy	Money and Credit Water resources (To be assessed in the PT only) The Age of Industrialization Agriculture	Contemporary Art (Jamini Roy Paintings), Calligraphy Strokes (Devnagari and Roman Alphabet)	Unit-3: Turtle library in Python Importing turtle library Basic functions of turtle library	Physical Fitness/ Recreational Activities, HPE Assessment, National Sports Day of India celebration/ HPE Assessment	



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Sept	Literature Reader 14. The Trees(Poem) 15. Mijbil the Otter(Prose) Supplementary Reader (Footprints Without Feet) 8. The Midnight Visitor Writing & Grammar 5. Prepositions	BOOK S SPARSHA PART -2 SANCHAYAN PART-2" *सपनों के-से दिन पुनरावृत्ति GRAMMAR AND WRITING *लघुकथा लेखन पुनरावृत्ति	Grammar- Broken plural جمع مكرر	Michalanchalo-Mappu Revision	Applications of trigonometry	PHY: Induced potential difference, Induced current. Fleming's Right-Hand Rule, Direct current. Alternating current: frequency of AC. CHE: Properties of ethanol & ethanoic acid Soaps & Detergents. BIO: Heredity	Minerals and Energy Resources Popular Struggle and Movement (To be assessed in the PT only)	Calligraphy Strokes (Devnagari and Roman Alphabet), Know the Legend	Artificial Intelligence: Programming language for developing AI , Machine learning introduction. Why jupiter for machine learning? Introduction to Jupiter , Types of AI- Supervised learning, Unsupervised Learning	HPE Assessment
	PA- II EXAMINATION									
Oct	Literature Reader 16. How to Tell Wild Animals (Poem) 17. Fog (Poem) 18. Madam Rides the Bus (Prose) 19. The Tale of Custard the Dragon (Poem) 20. For Anne Gregory (Poem) Supplementary Reader (Footprints Without Feet) 9. A Question of Trust Writing & Grammar 6. Tenses and Voices 7. Clauses 5. Letter of Inquiry	BOOK S SPARSHA PART -2 SANCHAYAN PART-2" *दोहे (बिहारी) *टोपी शुक्ला *पतझर में टूटी पत्तियाँ *कर चले हम फ़िदा ""*मधुर-मधुर मेरे.. (केवल पठन)" GRAMMAR AND WRITING (अभ्यास) *अलंकार *वाक्य रूपांतरण	Letter writing - رسالة إلى الوالدين، طلب إجازة Lessons - 17,19 Poem 18 - عيد استقلال الهند	Patra neethi Non detailed:10,11 Non detailed:12,13	Circles, Constructions/areas related to circles, Areas related to circles, Surface areas and volumes	PHY: Induced potential difference, Induced current. Fleming's Right-Hand Rule, Direct current. Alternating current: frequency of AC. UNIT V: NATURAL RESOURCES Chapter 14 - Sources of energy, Different forms of energy, conventional and non-conventional sources of energy. Fossil fuels, solar energy; biogas. CHE: * UNIT: PERIODIC CLASSIFICATION OF ELEMENTS , Dobereiner's triad and its limitations, Newlands' and Mendeleev's PT & limitations, Trends in modern periodic table , UNIT: MANAGEMENT OF NATURAL RESOURCES :Need for Sustainable management Forest and Wild life. BIO: Evolution, Speciation, Evolutionary stages, Our Environment	India - Manufacturing Industries Globalization and the Indian Economy Political parties Consumer Rights (To be done as Project Work)	Two - Point Perspective Drawing, Oil Pastel Drawing	Types of AI :Reinforcement learning - Build the model . What is data set with examples. Why we need big data for machine learning?- Jupiter:- Import libraries , Load and explore the data (Dataset will be given in CSV format) Observe the data	Introduction to Indoor Game
Nov.	Literature Reader 21. The Sermon at Benares (Prose) 22. The Proposal (Drama) Supplementary Reader (Footprints Without Feet) 10. The Book That Saved the Earth	BOOK S SPARSHA PART -2 SANCHAYAN PART-2" *तोप *कारतूस *आत्मनाश GRAMMAR AND WRITING (अभ्यास) *समास *विज्ञापन लेखन * पत्र लेखन *पदबंध	Lessons-20 Letter writing : رسالة إلى الاخ أو الصديق	Revision	Surface areas and volumes/Statistics/Probability	PHY: Wind, water and tidal energy; Nuclear energy Renewable versus non-renewable sources of Energy. CHE: Water harvesting, Dams, Coal & Petroleum. CHE: REVISION. BIO: Our Environment	Lifelines of National Economy Outcomes of Democracy Print Culture and the Modern World Challenges of Democracy (To be assessed in the PT only)	Mono Printing, Designing through Autodesk Sketchbook	Play with Data: EDA: Check the dimension, datatypes of each respective attributes of data, check the null values of data. Data Preprocessing : Dealing with duplicate data, find missing values and replace/find null values	Introduction to Major Game



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Dec.	P A-III EXAMINATION (28th Nov-9th Dec)							Craft with Paper	Data visualization: Univariate analysis ,Bivariate analysis	Fit India School Week Celebration ,Physical
Jan	PRE-BOARD EXAMINATION (9th Jan-18th Jan) *Question Paper discussion , * REVISION									
Feb	STUDY LEAVE									
March	CBSE Board Exam									

Sanchita Verma
Principal

Dr. Vinu Kumar
Vice- Principal

Yashvir Singh
Supervisor