

SYLLABUS 2021-2022

Class 8



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PRESCRIBED BOOKS

SUBJECT	Book
ENGLISH	1. New Images- Course Book 2. P. C. Wren's Grammar
HINDI	साहित्य:-वसंतभाग-3 व्याकरण-सरस्वती सचित्र हिन्दी व्याकरण भाग-3
MATHEMATICS	NCERT VIII + Workbook
SCIENCE & TECHNOLOGY	NCERT VIII
SOCIALSCIENCE	History : Our Pasts - III PART 1 & 2 (NCERT) Geography : Resources and development(NCERT) Civics : Social and Political Life -III (NCERT)
SANSKRIT	संस्कृति: -संस्कृतपाठमाला-भाग 3 लेखिका-डा०सावित्री गुप्ता
FRENCH	MON PASSEPORT (POUR LE MONDE) 3

This planning is subject to change as per the availability of periods in Online classes

ENGLISH				SEMESTER 1
Month	Literature	Grammar	Writing Skills	Activities
APRIL	1. The Black Spot 2. The Nightingale and the Glow-worm(poem)	1. Determiners	1. Notice Writing	1. The Eyes have it (Reading)
MAY	3. After Twenty Years	2. Tenses 3. The Infinitives, The Participles, The Gerunds	2. Story Writing	2. Brain – based Projects
JUNE	Summer Vacation & PA 1			
JULY	4. The Way through the Woods(poem)	4. Subject-Verb Agreement 5. Conjunctions		3. When You are Old(Recitation)
AUGUST	5. The Open Window	6. Voice	3. Formal Letter 4. Article Writing	4. The Remarkable Rocket(Reading) – Role Play (pg. 80)
SEPTEMBER	REVISIONS & SEM II EXAMS			
				SEMESTER 2
SEPTEMBER OCTOBER	6. A Nation's Strength(poem)	7. Prepositions 8. Direct Indirect Speech	5. Message Writing	5. Pride and Prejudice (Reading)
NOVEMBER	7. A Strange Transformation	9. Analysis of Sentences	6. Diary Writing	6. The Portrait of a Lady (Reading)
DECEMBER	8. Caged Bird(poem)	10. Transformation of sentences	7. e-Mail Writing	7. From Storytelling to Film – making Film -Review (pg.157)
JANUARY	9. I Go to Styles 10. Three Witches and their Prophecy	11. Synthesis of sentences- I simple to simple 12. Synthesis of sentences- II Simple to Compound	8. Paragraph writing – Data interpretation	
FEBRUARY	REVISIONS/ SEM II EXAMS			

HINDI			SEMESTER 1
Month	Literature	Grammar	
APRIL	ध्वनि लाख की चूड़ियाँ बस की यात्रा (पठन हेतु)	भाषा, लिपि व व्याकरण, पर्यायवाची, अनेकार्थी अनेक शब्दों के लिए एक शब्द, विलोम शब्द	(मौसम परिवर्तन का महत्त्व , आवश्यकता पर कक्षा में परिचर्चा)
MAY+JUNE	कामचोर	औपचारिक और अनौपचारिक पत्र, अनुच्छेद लेखन, वर्ण-विचार ,	(औद्योगीकरण से प्रभावित कुटीर और कला उद्योग प्रजेंटेशन, अपने घर के दैनिक कार्यों की सूची तैयार करना तथा उनमें पसंद और नापसंद को स्पष्ट करना)
JULY	दीवानों की हस्ती (पठन हेतु) कबीर की साखियाँ, भगवान के डाकिए (पठन हेतु) चिट्ठियों की अनूठी दुनिया (पठन हेतु)	मुहावरे, लोकोक्तियाँ, संधि, उपसर्ग-प्रत्यय, एकार्थक प्रतीत होनेवाले शब्द, अपठित गद्यांश	(वाराणसी स्थित कबीर मठ का शैक्षणिक भ्रमण, विभिन्न क्रांतिकारियों के चित्र और जीवन परिचय पर चार्ट तैयार करना)
AUGUST+ SEPTEMBER	जहाँ पहिया है अभ्यासकार्य पुनरावृत्ति	विज्ञापन-लेखन, सूचना लेखन,	स्त्री-सशक्तिकरण –समस्या और समाधान
			SEMESTER 2
SEPTEMBER OCTOBER	सुदामा चरित	वाक्य विचार , पर्यायवाची, विलोम, औपचारिक और अनौपचारिक पत्र, अनेकार्थी	दोहों का गायन
NOVEMBER	अकबरी लोटा, क्या निराश हुआ जाए (पठन हेतु)	अनेक शब्दों के लिए एक शब्द, एकार्थक प्रतीत होने वाले शब्द, लोकोक्तियाँ समास	(सारनाथ संग्रहालय का अवलोकन)
DECEMBER	सूर के पद, बाज और साँप	अव्यय	(भक्तिकालीन कवियों पर आधारित अंत्याक्षरी ,रेंगने और उड़ने वाले पक्षियों का चित्र निर्माण, कहाँ पाए जाते हैं)
JANUARY	टोपी पानी की कहानी (पठन हेतु)	मुहावरे, अपठित गद्यांश संवाद लेखन ,विज्ञापन लेखन	हास्य कथा का दृश्यांकन)
FEBRUARY	जब सिनेमा ने बोलना सीखा(पठन हेतु) यह सबसे कठिन समय नहीं(पठन हेतु)	पुनरावृत्ति	

MATHEMATICS		SEMESTER 1
Month	Topics/ Lesson	Subject Enrichment Activity
APRIL	1. Rational Numbers 2. Linear Equations in One Variable	
MAY + JUNE	3. Comparing Quantities	
JULY	4. Mensuration 5. Understanding Quadrilaterals	1. Angle Sum property of polygons. 2. Exterior angle property of polygons 3. Prepare a cylinder of radius 3.5 cm and height 5 cm 4. Measure the dimensions of any cuboidal item and calculate its total surface area.
AUGUST	6. Squares & Square roots 7. Cubes & Cube Roots 8. Exponents and Powers	5. To find the square root of 2 on a number line
SEPTEMBER	Revision	
		SEMESTER 2
SEPTEMBER OCTOBER	1. Algebraic Expressions 2. Data Handling	To verify all the identities through activities. i) $(a+b)^2$ ii) $(a-b)^2$ iii) (a^2-b^2)
NOVEMBER	3. Factorization 4. Direct and Inverse Proportions	To draw the pie chart of your one day routine.
DECEMBER	5. Practical Geometry	
JANUARY	6. Introduction to Graphs 7. Playing With Numbers 8. Visualizing Solid Shapes	To impart the knowledge of X & Y axis, quadrant, plotting points on graph paper.
FEBRUARY	Revision	

Reference Book : Mathematics - 8 R.S. Agrawal

BIOLOGY		SEMESTER 1
Month	Topics / Lesson	Practicals/Activities
APRIL MAY	1. Crop production and Management	Observation of morphological features of common weeds.
MAY, JUNE JULY/ AUGUST	2. Micro Organisms	Observation of permanent slides of Micro- Organisms .
AUGUST SEPTEMBER	3. Conservation of Plants and Animals(Contd.) Revision	
		SEMESTER 2
OCTOBER	1. Cell Structure and Function	Observation of slides (Permanent/Temporary slides) of animal cell and plant cell
OCTOBER NOVEMBER DECEMBER	2. Reproduction in Animals	Observation of permanent slides of asexual reproduction in micro organisms
JANUARY	3. Reaching the Age of Adolescence	
FEBRUARY	3. Reaching the Age of Adolescence (Contd.) Revision	

PHYSICS		SEMESTER 1
Month	Topics / Lesson	Practicals/Activities
APRIL	1. Force and Pressure	To verify pressure variation in liquids with depth
MAY JUNE, JULY	2. Friction	Dependence of Friction upon nature of surface
JULY AUGUST	3. Sound Revision	Verifying rolling friction is less than sliding friction
		SEMESTER 2
OCTOBER	1. Chemical Effects of Electric Current	1. Checking conductivities of various liquids 2.Electroplating of copper
OCTOBER - NOVEMBER	2. Some Natural Phenomena	
NOVEMBER - DECEMBER	.3. Light	Verifying first law of reflection of light

JANUARY FEBRUARY	4. Stars and Solar System Revision	
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CHEMISTRY		SEMESTER 1
Month	Topics / Lesson	Practicals/Activities
APRIL	Synthetic Fibres and Plastics	Tensile strength of Synthetic Fibres
MAY + JUNE	Materials: Metals & Non Metals	Burning of Magnesium Ribbon
JULY	Metals & Non Metals (Contd) Coal and Petroleum	Displacement Reaction
AUGUST	Coal and Petroleum (contd) Revision	
		SEMESTER 2
OCTOBER	Combustion and Flame	Ignition Temperature
NOVEMBER DECEMBER	Combustion and Flame (Contd) Pollution of air and water	Formation of Soot
JANUARY	Pollution of Air and Water	
FEBRUARY	Pollution of Air and Water (Contd) Revision	
Reference Book	Zoom in Science VIII	

SOCIAL SCIENCE				SEMESTER 1
Month	History	Geography	Civics	Activity
APRIL	How When and Where; From Trade to Territory	Resources	The Indian Constitution	
MAY	From Trade to Territory (Contd.)	Land, Soil, Water, Natural Vegetation and Wildlife Resources	Why do we need Parliament?	
JUNE				
JULY	Ruling the Countryside	Land, Soil, Water, Natural Vegetation and Wildlife Resources (Cont.) Agriculture (Intro.)	Understanding Laws	
AUGUST	Tribal, Dikus and the Vision of a Golden Age; When People Rebel	Agriculture (cont.)	The Judiciary	When People Rebel
SEPTEMBER	Revision			
				SEMESTER 2
OCTOBER	Weavers, Iron Smelters and Factory Owners	Mineral and Power Resources	Understanding Our Criminal Justice System	
NOVEMBER	Civilising the Native Educating the Nation	Mineral and Power Resources (contd.)	Understanding Marginalisation; Confronting Marginalisation	India After Independence (Subject Enrichment)
DECEMBER	Women, Caste and Reform; The Making of the National Movement	Industries	Public Facilities	
JANUARY	The making of the National Movement(contd.); India after Independence (Smart Class Only)	Human Resources	Law and Social Justice	
FEBRUARY	Revision	Human Resources		

SANSKRIT		SEMESTER 1
Month	Topic	
APRIL	ऋतुराजः वसन्तः, सन्मित्रम् शब्दरूप. नदी, साधु	
MAY	परोपकारे एव जीवनस्य साफल्यम् विलोम शब्द 1-20	
JUNE	रक्षकः घातकात् श्रेष्ठः , शब्दरूप, किम् (तीनों लिङ्गों में)	
JULY + AUGUST	एकतायाः शक्तिः , सुपदानि , गणना 51-100 , तरुणाम् उपयोगिताः	
SEPTEMBER	धन्या ईश्वरस्य रचना, पुनरावृत्तिः	
		SEMESTER 2
OCTOBER	जन्तुशाला, पर्यायवाची 11-22, शब्दरूप. मातृ एवं पितृ	
NOVEMBER	मित्रं प्रति पत्रम् , श्रीकृष्णः सुदामा च	
DECEMBER	सुभाषितानि , राष्ट्रमण्डलक्रीडाः , ई.मनोरञ्जनम्	
JANUARY	मेट्रोयानम् , विशेषण, विशेष्य , सामान्य ज्ञान , विभक्ति प्रकरणम्	
FEBRUARY	अपठित- गद्यांश पुनरावृत्तिः	

FRENCH		SEMESTER 1
Month	Lesson	Grammar
APRIL+MAY	1. Les monuments et les musées parisiens 2. Les vrais amis 3. La vie au collège	1. Les monuments, 2. Les musées 3. Les adjectifs 4. Placements des adjectifs 5. L'interrogations 6. L'adverbe de quantité
JUNE+JULY	4. La journée d'Elena 5. C'est par où la gare ?	1. Les verbs pronominaux 2. Quelle heure est-il? 3. Les prépositions 4. Pour s'orienter dans la ville
AUGUST	1. Les fêtes françaises	1. Les fêtes françaises
SEPTEMBER	Revision	
		SEMESTER 2
OCTOBER	1. La fête de la francophonie 2. La nouvelle génération	1. Les pays et leurs spécialités 2. Les prépositions de lieux 3. L'impératif
NOVEMBER DECEMBER	3. On prépare la fête 4. Journée de cloture 5. Les fêtes françaises	1. Les adverbs interrogatifs 2. Les adjectifs interrogatifs 3. Les sports et les activités 4. savoir et connaître 5. Les fêtes françaises
JANUARY	6. Qu'est-ce que tu as fait le week-end ?	1. Passé composé avec "avoir"
FEBRUARY	Revision	
The prescribed workbook (Mon Passeport pour le monde – cahier d'activité) will be dealt after the completion of each chapter. Hence it is mandatory to carry the same as and when instructed.		

COMPUTER		SEMESTER 1
Month	Lesson	LAB WORK
APRIL	BRAINSTORMING (OFFICE) & MIND MAP, INTRODUCTION TO DATABASE	Draw a mind map to summarize the learning of all class 7topic
MAY	DATABASE, INTRODUCTION TO ACCESS	-
JUNE	OFFICE DATABASE	Practical related to Access / Open Office
JULY	OFFICE DATABASE, SQL	Practical related to Database & SQL
AUGUST	KINE MASTER	Practical related to video editing
SEPTEMBER	REVISION AND PROJECT, VIVA ON DATABASE	
		SEMESTER 2
OCTOBER	ADVANCE PHOTOSHOP	editing images using retouching tools
NOVEMBER	ADVANCE PHOTOSHOP	editing images using retouching tools
DECEMBER	ANIMATE CC / FLASH	Projects on Animation
JANUARY	NUMBER SYSTEM	
FEBRUARY	REVISION	PROJECT AND VIVA ON PHOTOSHOP