

## **Class VIII**

### **Session 2020- 21**

#### **Syllabus**

##### **General Guidelines For Conducting Online Classes And Continuous Learning Plan For Students**

As the whole nation is in the grip of COVID-19 and the school could not function physically for the current session as of now, the school started conducting online classes as per the guidelines of the Government and the Education Department.

The school has curtailed the syllabus for classes I to VIII to 75%. The syllabus has been reduced after careful deliberation and every effort has been made not to compromise on the learning capabilities of the students during the times when face to face interaction with the students is not feasible. The school formulated a learning plan so that the final outcome of the learning is met. The syllabus for classes IX to XII has been reduced by CBSE and the teaching is being conducted on the given guidelines.

The following guidelines are being observed by the teachers for conducting the online classes and to meet the desired learning outcomes:

- The teachers are required to prepare learning plans for their grades/subjects/learners.
- The weekly lesson plan must include the topic to be covered, the learning outcomes of the concerned topics and a note of sources / resources used for teaching. (textbooks, chapters, e-resources, web links, etc.)
- The WhatsApp groups for different classes and for different subjects have been formed.
- The students are asked to go through a particular portion of the chapter one day prior and the teacher teaches the given topic next day so that the concepts become clear to the students in a better way.
- Teachers ask the students to highlight the important points during the discussion/ teaching.
- Students are also provided with the related links and are asked to refer to that.
- Regular assignments are being given to the students on the completion of the topic / chapter. The assignments should include Multiple Choice Questions /short Answer Type Questions / Long Answer Questions / Activity Based Questions / Open Book Questions.
- The teachers are required to constantly contact the parents in case the child does not respond well in studies or is irregular in attending classes.
- In case Internet is not available at a student's home, then those students are telephonically suggested to be in touch with other students and the teacher to keep updated regarding the topics covered and are encouraged to do self-study.
- The teachers to make sure that the work / activity has been conducted and submitted within the timeline.
- At the upper primary stage, the teachers encourage learners for self-study, readings, and learning by doing with available resources at home under the supervision of parents.
- An emphasis must be given to involve the students in creative activities specially in primary classes so that students' involvement gets the priority and learning takes place in an interactive manner.

## English

Month	Literature (Raintree English Course Book)	Grammar (Climb with Cornerstone)	Creative writing
<b>April</b>	Lesson 1: Living Dreams Lesson 3: The Cherry Tree	Lesson 1: The Sentence Lesson 2: Nouns	Paragraph writing, Unseen passage.
<b>May</b>	Lesson 5: The Mask Lesson 6: The Adventure of Beryl Coronet	Lesson 4: Adjectives Lesson 5: Adverbs	Letter (Informal)
<b>July</b>	Lesson 2: After Twenty Years Lesson 4: Saving Chilika	Lesson 7: Simple Tenses Lesson 8: Continuous Tenses	Letter (Formal)
<b>August</b>	Poem: On Killing a Tree	Lesson 9: Perfect and perfect continuous tenses. Lesson 12: Transitive and Intransitive Verbs Lesson 15: Prepositions	Letters (Formal/ Informal both)
<b>September</b>	Half	Yearly	
<b>October</b>	Lesson 7: Mrs Beck Drives a Hard Bargain Lesson 8: The Open Window	Lesson 16: Conjunctions Lesson 17: Interjections	Notice writing
<b>November</b>	Lesson 9: The Alien Ship Lesson 10: The Invisible Man	Lesson 18: Punctuation Lesson 19: Direct and Indirect Speech	Story writing
<b>December</b>	Lesson 11: The Concert	Lesson 20: Kinds of Phrases Lesson 21: Kinds of Clauses	Poster making
<b>January</b>	Lesson 12: An Encounter in the Forest	Lesson 22: Simple, Compound and Complex Sentences	Article writing
<b>February</b>	Revision	Revision	Revision
<b>March</b>	Annual	Examination	

### Learning outcomes

The aim of teaching English is to help children acquire practical command of English.

To enable the learners to communicate effectively and appropriately in real life.

To develop interest in and appreciation of Literature.

To develop and integrate the use of the four skills i.e. Reading, Listening, Speaking and Writing

## Hindi

महीना	प्रकरण	
अप्रैल	वसंत पाठ -1 ध्वनि पाठ- 2 लाख की चूड़ियाँ पाठ-3 बस की यात्रा	व्याकरण पुष्प पाठ- 1 भाषा बोली, लिपि और व्याकरण पाठ-2 वर्ण-विचार पाठ-3 संधि, पाठ-40 अनुच्छेद लेखन
मई	पाठ -4 दीवानों की हस्ती पाठ-5 चिट्ठियों की अनूठी दुनिया	पाठ- 4 शब्द- विचार पाठ-5 अनेकार्थक शब्द पाठ-6 पर्यायवाची शब्द पाठ-7 विलोम शब्द पाठ-8 समश्रुत भिन्नार्थक शब्द पाठ- 9 अनेक शब्दों के लिए एक शब्द
जुलाई	पाठ-6 भगवान के डाकिए	पाठ-11 उपसर्ग पाठ-12 प्रत्यय पाठ-13 समास पाठ-14संज्ञा पाठ-15 लिंग
अगस्त	पाठ- 7 क्या निराश हुआ जाए पाठ-8 यह सबसे कठिन समय नहीं	पाठ-16 वचन पाठ-17-कारक पाठ-41 पत्र लेखन
सितंबर	अर्द्धवार्षिक-परीक्षा	
अक्टूबर	पाठ-9 कबीर की साखियाँ पाठ-10 कामचोर	पाठ-18 सर्वनाम पाठ-36 सूचना-लेखन
नवंबर	पाठ-11 जब सिनेमा ने	पाठ-19 विशेषण

	बोलना सीखा पाठ-12 सुदामा चरित	पाठ-38 प्रतिवेदन लेखन
दिसंबर	पाठ-13 जहाँ पहिया है	पाठ-20 क्रिया पाठ-37 विज्ञापन लेखन  पाठ - 21 काल
जनवरी	पाठ-14 अकबरी लोटा	पाठ- 22 वाच्य पाठ-23 अव्यय
फरवरी	पुनरावृत्ति	
मार्च	वार्षिक-परीक्षा	

#### Learning Outcomes-

1. विभिन्न कवियों व लेखकों से परिचित होंगे।
2. पठन व लेखन शैली का विकास होगा।
3. छात्रों की चिंतन शैली का विकास होगा।
4. रचनात्मकता का विकास होगा।
5. हिंदी साहित्य की विविध विधाओं से परिचित होंगे।
6. कविता के भावों को समझ पाएँगे।
7. छात्र साहित्य की पुस्तक से व्याकरण के प्रकरण ढूँढ पाएँगे।
8. कविता लेखन का विकास होगा।

#### Maths

Month	Chapter/Topic
April	Lesson 1 Rational Number
	Lesson 2 Linear Equation in One Variable
May	Lesson 3 Quadrilaterals
July	Lesson 6 Square and Square Roots
August	Lesson 7 Cube and Cube Roots
	Lesson 5 Mean, Median, Mode
September	Half Yearly
October	Lesson 8 Comparing Quantities
	Lesson 9 Algebraic Expressions

<b>November</b>	Lesson 11 Mensuration Lesson 12 Exponents and Power
<b>December</b>	Lesson 14 Factorisation
<b>January</b>	Lesson 15 Introduction to the Graph
<b>February</b>	Revision
<b>March</b>	Annual Examination

Learning Outcomes:

Students will understand the concept of quadrilateral and the different properties of the same. They will be able to find the square and cube of different numbers. The concept of graph will help them to draw the graph for different equations. They will also come to know the concept of factorisation.

### Science

Month	Chapters
<b>April</b>	Lesson 01 – Crop Production and Management Lesson 12 – Friction
<b>May</b>	Lesson 02 – Micro Organisms Friends and Foe Lesson 05 – Coal and Petroleum
<b>July</b>	Lesson 08 – Cell : Structure and Function Lesson 06 – Combustion and Flame
<b>August</b>	Lesson 11 – Force and Pressure Lesson 09 – Reproduction in Animals
<b>September</b>	Half Yearly
<b>October</b>	Lesson 04 – Materials : Metals and non-metals Lesson 13 -Sound
<b>November</b>	Lesson 14 – Chemical Effects of Electric Current Lesson 15 – Some natural Phenomenon
<b>Decembers</b>	Lesson 10 – Reaching the age of Adolescence
<b>January</b>	Lesson 16 – Light
<b>February</b>	Revision
<b>March</b>	Annual Examination

## Learning Outcomes:

Explaining the processes like reproduction, factors affecting adolescence, and the myths and taboos related to it, propagation of sound, multiple image formation, structure of flame, chemical effects of current.

Classify sexual and asexual reproduction, contact and noncontact forces.

Have the knowledge about the reaction of metals and non-metals with air, acids and water and its word equation.

Analyse and Measure angle of incidence and angle of reflection.

Understanding about various types of combustion, viviparous and oviparous animals, plant cell and animal cell.

## Social science

Month	Chapter/topic
<b>April</b>	History. Lesson 1. The modern period. 2. The establishment of company power. Geography. Lesson 1. Resources.
<b>May</b>	Geography Lesson 2. Natural resources-land, soil and water. Lesson 3. Natural vegetation and wildlife resources. Civics.Lesson 1. The Indian constitution.
<b>July</b>	Civics.Lesson 2. Vision set by our constitution. History.Lesson 6. Revolt of 1857. Geography.Lesson 4. Minerals and power resources
<b>August</b>	History.Lesson r 7. Education and British rule Civics.Lesson 3.parliamentary government of India Geography.Lesson 5.agriculture
<b>September</b>	Half Yearly
<b>October</b>	History. Lesson 10. The nationalist movement Civics. Lesson 5. The judiciary Geography. Lesson 7. Manufacturing industries
<b>November</b>	History.Lesson 11. Gandhian era.(1919-1947) Civics.Lesson 6. Role of police and courts. Geography.Lesson 8. Major industries
<b>December</b>	Civics.Lesson 7. Social justice and marginalised Geography. Lesson 9. Human resources
<b>January</b>	History.Lesson 12. India after independence. Civics.Lesson 10. Laws and social justice.
<b>February</b>	Revision
<b>March</b>	Annual Examination
Learning outcomes	Develop an understanding on nationalism. Learning and understanding about British rule in India and its impact. Understanding the concept of freedom and independence. Analyse the historical and contemporary issues. Develop a sense of belongingness towards nature and natural resources.

	<p>Identifying mineral deposits and developing an understanding towards distribution of minerals, industries.</p> <p>Understanding the significance of human resources.</p> <p>Understanding constitution of India and analysing the rights and duties as a citizen.</p> <p>Demonstrate knowledge on understanding laws, social justice.</p> <p>Creating understanding about judicial system in India.</p>
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### Sanskrit

महीना	प्रकरण
अप्रैल	पुस्तक-अमृतम् संख्याएँ, सूक्तियाँ, नदी शब्द रूप व भू धातु रूप
मई	पाठ- 3 वन महोत्सव, पाठ -4 बालः नचिकेताः पाठ-5 नीतिश्लोकाः
जुलाई	पाठ- 1सूक्तिरसामृतम् पाठ-6 चन्द्रगुप्तस्य न्यायः तत् शब्द रूप व कृ धातु रूप
अगस्त	पाठ-7 महाकविः कालिदासः पाठ-8 भारतरत्नं डॉ कलामः
सितंबर	अर्द्धवार्षिक-परीक्षा
अक्टूबर	पाठ-9 मूर्खः गंगदत्त पाठ-10 गीतामृतम्
नवंबर	पाठ-11 ऋतुबोधः
दिसंबर	पाठ-12 भारतीयं वाङ्. मयम्
जनवरी	देव शब्द रूप व शक् धातु रूप
फरवरी	पुनरावृत्ति
मार्च	वार्षिक-परीक्षा

### Learning Outcomes-

- छात्र संस्कृत से हिंदी व हिंदी से संस्कृत अनुवाद कर सकेंगे।
- छात्र संस्कृत वाक्य रचना करने में सक्षम होंगे।
- छात्र साहित्य के पाठों में से विभिन्न प्रत्यय युक्त शब्द चुन सकेंगे।
- छात्र विभिन्न संधि शब्दों का संधि विच्छेद कर सकेंगे।
- छात्र नए संस्कृत शब्द सीखने में सक्षम होंगे।
- छात्र अपठित गद्यांश के प्रश्नों के उत्तर लिख सकेंगे।
- छात्र संस्कृत के लिंग, वचन, विभक्ति तथा पुरुष से भली-भाँति परिचित होंगे।
- छात्र लकार व वचन के अनुसार वाक्य परिवर्तन कर सकेंगे।

### Computer

Month	Chapter/Topic
April	Lesson 9: App Development
May	Lesson 9: App Development (to be cond...) Lesson 1: Networking concepts
July	Lesson 1: Networking concepts (to be contd...) Lesson 3: MS Access 2010
August	Lesson 3: MS Access 2010(to be contd...) Lesson 4: Working with queries
September	Half Yearly
October	Lesson 10: Images, links & frames in HTML5
November	Chapter 2: Windows Movie Maker
December	Lesson 7: Review Python
January	Lesson 8: Iterative statements in Python
February	Revision
March	Annual examination

### Leaning outcomes:

1. Student will be able to understand the concepts of Computer networking. They will know some important terms like components of network, types of network etc. They will be able to know and recognise different networking devices and their usage as well.
2. Students will also come to know about the different types of mobile applications.
3. Practically, they will learn MS Access, HTML5, Windows Movie Maker and basics of Python. In MS Access, they will be aware of the components of MS Access as well as features like Form, query, reports etc. They will learn to use the Lists, frames tags in HTML5. The concepts of Python will be revised and they will come to know about the iterative statements of Python.



## Subject: Dance and Music

<b>April</b>	What is dance? What is music?
<b>May</b>	Sargam, Aalankar
<b>July</b>	Anyone patriotic dance
<b>August</b>	Anyone patriotic song
<b>September</b>	Assessment
<b>October</b>	Five hastya mudras with their meaning
<b>November</b>	Tatkaar Bhumi namaskar in Katha dance
<b>December</b>	Sarasvati Vandana
<b>January</b>	Folk dances of India
<b>February</b>	Revision
<b>March</b>	Assessment

### Learning outcomes

Children will know the basic knowledge of dance and different types of folk dances of India  
 They will demonstrate and understand dance technique.  
 Understand the use of a space, line, placement and musicality.

## Physical Education

<b>Month</b>	<b>Chapter/Topic</b>	<b>Topic (Taekwondo)</b>	<b>Topic (Scouts and Guide)</b>
<b>April</b>	Fit India breaks jumping jacks, warm up exercises	Meaning of taekwondo, slap kick and punching	Prayer and salute, revision of previous knowledge
<b>May</b>	Fitness mantra in few minutes by doing exercises, basic exercises	Face front, stretching exercise, poomsae 1 and 2	History and importance of scouts and guide
<b>July</b>	Sitting Yoga Posture like padmasana	Hammer kick, hook kick and fight practice	Patriotic song
<b>August</b>	Strength exercises like push ups, sit ups, etc, padmasana	Slap kick continuously hitting on pad, fight practice	Painting competition on a particular theme
<b>September</b>	Assessment		
<b>October</b>	Modified push ups, moral values, gaumukhasana	Padding, round-us kick, fight practice	Plantation, importance of safety gears for camping and tent making
<b>November</b>	Simple push ups, road safety measures, trikonasana. Partial curl ups, talk about health, halasana/	Fight practice, arena measurement. Poomsae 3, fight practice	Shramdaan, importance of good turn, recreational games. Moral and ethical values, uniformity
<b>December</b>	Squats, talk about personal hygiene, what is first aid? Bhujangaasana	Padding, 360 degree kick(butterfly)	Folk song and dance, marching and prayer
<b>January</b>	Strength activity, modified push ups, simple push ups, mayurasana	Poomsae 4, fight practice	Flag march with band, patriotic song
<b>February</b>	Yoga asana like tadasan,	Continuous doubling,	Tent making, uniformity

	vrikshasan, suryanamaskaar,etc	slap kick, poomsae practice 1,2,3 and 4	and moral value based activity
March	Annual exam	Annual exam	Annual exam

**Learning Outcomes:**

1. These exercises keep their body fit and active.
2. It also helps them to keep themselves calm and composed.
3. Yoga helps to increase flexibility and muscle strength and tone. It also helps to improve respiration, energy and vitality.
4. Taekwondo helps to improve muscle tone, increase the strength and stamina, flexibility, concentration power and focus. It also helps to improve self-discipline.
5. Scouts and guide is the learning by doing. The training and exposure at scouting make you self-dependent, disciplined and definitely a good citizen.
6. Physical exercises keep their body flexible and fit and prevent us from diseases.

**Note :** The decision for conducting scouts and guide and hobby classes will be taken only after re-opening of the school.