



**Cambridge**  
**INTERNATIONAL SCHOOL**  
A Premium Senior Secondary School In Palampur (H.P)

# **Curriculum (2023-24)**

*Term - I (March to July)*

## **Grade - VII**

### **Subjects :**

- |                  |                      |
|------------------|----------------------|
| ■ English        | ■ Sanskrit           |
| ■ Hindi          | ■ Computer           |
| ■ Mathematic     | ■ Physical Education |
| ■ Science        | ■ ART                |
| ■ Social Science | ■ Dance/Music        |

English						
Month	Content	Reading Skills	Listening and Speaking Skills	Writing Skills	Grammar (Tune into Grammar)	Assessment
	<b>LITERATURE READER</b> <b>Gulmohar</b>					
March/April	<b>Prose</b> L-1 An Uncomfortable Bed <b>Poem</b> Friends and Flatterers  Maps	Read, comprehend and interpret the text.  Appreciation of poetry.	Listening to the explanation and humour of the story.  Sharing childhood memory	Diary Entry Dialogue Writing  Message Writing	L -1 The Sentences L-6 Simple Tenses L-7 Continuous Tenses L-8 Perfect Tenses	<ul style="list-style-type: none"> <li>• Pen paper test</li> <li>• Drawing a treasure map of your own.</li> <li>• Pen paper test</li> </ul>
May	<b>Prose</b> L-3 Homesickness  L-4 The Fight	Reference to Context.  Factual and inferential comprehension. Appreciation of poetry.	Discussion about two friends walking together and tell which of them is faster.  Discuss: How has the writer described sounds and silence to add to the atmosphere?  Asking Question/Answers	Semi Formal Letter  Notice Writing	L-22 Simple, Complex and Compound Sentences L-19 Conjunctions L-14 Modals and Auxiliaries	<ul style="list-style-type: none"> <li>• Writing-Any incident when your parents have motivated you.</li> <li>• Speaking – Commentary of a match</li> <li>• Pen paper test</li> </ul>
June	<b>Prose</b> L-5 Vet in the Forest  <b>Drama</b> The Play (Reading comprehension)	Reference to Context. Factual and inferential comprehension. Appreciation of poetry.	Watch the video about African and Asian elephants and speak on the topic.  Group Discussion	Paragraph Writing	L-9 Non - Finite Verbs: Infinitives and Gerunds L-10 Non Finite Verbs: Participles L-11 Transitive and Intransitive Verbs	<ul style="list-style-type: none"> <li>• Writing – Dialogue writing on showing love and care for animals.</li> <li>• Listening- Brief autobiography of William Shakespeare</li> </ul>
July	Revision	Revision	Revision	Revision		

Hindi						
महीना	पाठ्यपुस्तक बसंत			संबोध व्याकरण		
	विषयवस्तु	पठन कौशल	लेखनकौशल	वाचन कौशल	व्याकरण	मूल्यांकन
मार्च / अप्रैल	हम पंछी उन्मुक्त गगन के (कविता) दादी माँ (कहानी)  महाभारत (1 से 8)	कविता का लय, यति गति के साथ पठन कहानी का प्रभावशाली ढंग से पठन	संवाद लेखन  पत्र लेखन	वाद विवाद प्रतियोगिता  प्राचीन और नवीन गाँव की जीवन शैली में अंतर	वर्ण विच्छेद भाषा व लिपि शब्द विचार	लेखन (अपठित पद्यांश) दादी माँ के नुस्खे (विषय संवर्धन)
मई	हिमालय की बेटियाँ  कठपुतली (कविता)  महाभारत (9 से 17)	पाठ का प्रभावशाली ढंग से पठन  कविता का लय, यति, गति के साथ पठन	निबंध लेखन  अपठित गद्यांश (कार्य पत्रिका)	नदी को उल्टा लिखने से दीन होता है ऐसे अन्य शब्दों पर चर्चा आत्म सम्मान के महत्त्व पर चर्चा	विशेषण  उपसर्ग, प्रत्यय,	वाचन (नदियों का महत्त्व)  व्याकरण (कार्य पत्रिका) परियोजना कार्य
जून	मिठाईवाला  रक्त और हमारा शरीर  महाभारत (18 से 20) शाम एक किसान (कविता)	पाठ का प्रभावशाली ढंग से पठन पाठ का विश्लेषणात्मक अध्ययन कविता का लय, यति, गति के साथ पठन	चित्रवर्णन  विज्ञापन लेखन  कविता लेखन	काबुलीवाला कहानी वाचन व श्रवण रक्त - संचार क्रिया पर चर्चा  प्रकृति से मिलने वाले संदेश पर वाचन	मुहावरे लोकोक्ति याँ  समूहवाची शब्द	अभिनय  परियोजना कार्य (शैक्षणिक भ्रमण)  अपठित गद्यांश, पद्यांश व्याकरण (कार्यपत्रिका)
जुलाई	पुनरावृत्ति					

- कक्षा परीक्षा-हर महीने दो-दो परीक्षा ली जाएगी
- विषयसंवर्धन क्रिया (वाचन, श्रवण)
- उत्तर पुस्तिका का रखरखाव तथा प्रस्तुतीकरण

Mathematics				
Content	March	April	May	June /July
	Ch- 1 Integers	Ch- 2 Fractions and Decimals (Lab Activity)	Ch- 4 Simple Equations (Quiz) Ch- 3 Data Handling (Lab Activity)	Ch -5 Lines and Angles (Project) Ch -9 Rational (Class Activity) Numbers
Objectives	<ul style="list-style-type: none"> <li>To know the basic terms and properties (addition, subtraction, multiplication and division) of arithmetic on integers.</li> <li>Understanding and application of Distributive Property of Integers.</li> </ul>	<ul style="list-style-type: none"> <li>Knowledge of the types of fractions.</li> <li>Understanding the operations (+, -, x, /) on fractions.</li> <li>Understanding the comparison of decimal numbers.</li> <li>Understanding and application of operations (+, -, x, /) on decimal numbers.</li> </ul>	<ul style="list-style-type: none"> <li>Understanding the formation of a statement into equation and vice-versa.</li> <li>Solving an equation using different methods.</li> <li>Application of simple equations to practical situations.</li> <li>Understanding the concept of collection and organisation of data.</li> <li>Knowledge of terms Mean, Median, Mode and Range of given data.</li> <li>Construction of bar graphs, double bar graphs.</li> <li>Understanding the terms chances and probability.</li> </ul>	<ul style="list-style-type: none"> <li>Knowledge of types of lines and angles.</li> <li>Understanding and knowledge of relationship between angles.</li> <li>Knowledge of complement and supplement of an angle.</li> <li>Understanding and knowledge of angles made by a transversal.</li> <li>Understanding the standard form of rational numbers.</li> </ul>
Assessment	<ul style="list-style-type: none"> <li>Concept Map Making</li> <li>Worksheets</li> <li>Oral test</li> <li>Board test</li> <li>HOTS</li> <li>Paper Pen test</li> <li>Periodic test</li> <li>C.W/H.W</li> </ul>		<ul style="list-style-type: none"> <li>Subject Enrichment Activity (Ch-5 )</li> <li>Concept Map Making</li> <li>Worksheets</li> <li>Oral test</li> <li>Board test</li> <li>HOTS</li> <li>Paper Pen test</li> <li>Periodic Test</li> <li>C.W/H.W</li> </ul>	

Science				
Content	March	April	May	June/July
	<b>* Ch-1(Bio) Nutrition in Plants (Lab Activity :</b> <b>* Identification of starch in leaves</b> <b>* Observation of stomata and cells)</b>	<b>* Ch – 2(Bio) Nutrition in Animals (Chart Making and observation of permanent slides of micro organism)</b> <b>*Ch-4 (Phy) Heat and Temperature (Activity: Heating of Aluminum Rod Radiation, Convection, Conduction)</b>	<b>*Ch- 5 (Chem.) Physical and Chemical Changes</b> <b>*Ch-6 (Chem.)Acids, Bases and Salts (Lab Activity:</b> <b>* pH identification</b> <b>* Use of indicators</b> <b>* Neutralisation reactions)</b>	<b>*Ch- 9 (Bio) Respiration (Video and model making on human respiratory system)</b> <b>*Ch – 15 (Phy.) Light (Ray Diagrams and Working with the Mirrors, Spectrum Formation, Newton Disc.)</b>
Objectives	<ul style="list-style-type: none"> <li>List and explain the mode of nutrition in autotrophic and heterotrophic plants i.e. Saprophytic, Parasitic, Symbiotic, Insectivores.</li> <li>Discuss and interpret the process of replenishment of nutrients in the soil.</li> </ul>	<ul style="list-style-type: none"> <li>List and explain the stages of nutrition in animals.</li> <li>Understanding about nutrition in amoeba.</li> <li>List and explain the mode of nutrition in human and ruminants.</li> <li>To know about the concept of temperature and heat.</li> <li>Understanding about flow of heat.</li> </ul>	<ul style="list-style-type: none"> <li>To differentiate atoms elements and molecules.</li> <li>To know the symbols of elements and chemical formulae of molecules</li> <li>Distinguish between physical and chemical changes.</li> <li>Understanding about chemical substances, chemical symbols and chemical equations.</li> <li>Differentiate between acids, bases and salts.</li> <li>Apply effect of Neutralization in daily life.</li> <li>Observe the effect of indicators on different solutions.</li> </ul>	<ul style="list-style-type: none"> <li>Explain process of respiration in animals, human beings and plants.</li> <li>Differentiate between aerobic and anaerobic respiration.</li> <li>Compare the images formed by different types of mirrors and lenses i.e. Concave and Convex.</li> <li>Explain colours and its application.</li> <li>Explain rectilinear propagation of light, reflection of light.</li> <li>Distinguish between regular and irregular surfaces.</li> </ul>
Assessment	<ul style="list-style-type: none"> <li>Concept Map Making</li> <li>Worksheets</li> <li>Oral Test</li> <li>Blackboard Test</li> <li>Paper Pen Test</li> <li>Subject Enrichment Activity</li> <li>Periodic Test</li> <li>Lab Activities (Ch-14)</li> <li>File Presentation (Nutrition in plants)</li> </ul>		<ul style="list-style-type: none"> <li>Concept Map Making</li> <li>Worksheets</li> <li>Oral Test</li> <li>Blackboard Test</li> <li>Paper Pen Test</li> <li>Subject Enrichment Activity</li> <li>Model Making (LIGHT)</li> <li>MCQs</li> <li>Lab Activities (Ch-6 &amp; 15)</li> </ul>	

<u>Social Science</u>				
	March/ April	May	June	July
Content	<ul style="list-style-type: none"> <li>- Tracing Change through a Thousand Years</li> <li>- Role of the Government in Health</li> <li>-Environment (Not for assessment)</li> <li>-On Equality</li> <li>-The Delhi Sultanate</li> </ul>	<ul style="list-style-type: none"> <li>- Inside Our Earth</li> <li>- New Kings and Kingdoms (Not for assessment)</li> <li>-Our Changing Earth</li> <li>-The Mughal Empire</li> </ul>	<ul style="list-style-type: none"> <li>- Rulers and Buildings (Not for assessment)</li> <li>-Air (Not for assessment)</li> <li>-How the State Government Works</li> <li>-Growing up as Boys and Girls (Not for assessment)</li> <li>-Women Change the World (Not for assessment)</li> <li>-Water</li> </ul>	Revision
Objectives	<ul style="list-style-type: none"> <li>-To understand the change in Indian society and familiarize with the history of India</li> <li>- To understand the role of policies and efforts of government in health sector</li> <li>- To understand the term of environment and its different layers.</li> <li>-To understand the meaning of equality and concept of equality in Indian democracy.</li> <li>- To know about different dynasties of Delhi and to understand their policies and administration sultanate</li> </ul>	<ul style="list-style-type: none"> <li>- To learn about the different layers of earth and to know the types of mineral and rock.</li> <li>-To know and understand about the new dynasties which emerged after seventh century</li> <li>- To learn about the factors which affect Earth.</li> <li>-To understand and know about Mughal Empire and their expansion.</li> </ul>	<ul style="list-style-type: none"> <li>-To know about architecture in India in the early medieval period.</li> <li>-To know about the composition and structure of Atmosphere.</li> <li>- To understand about formation of state government its main components and functions.</li> <li>-To understand and know how boys and girls are brought up differently in our society. To understand the process of socialisation for boys and girls.</li> <li>-To learn and understand about women's struggle for equality.</li> <li>-To know about precipitation and water cycle. To learn about ocean current tides and Tsunami</li> </ul>	Revision
Activity	<ul style="list-style-type: none"> <li>-Role play to make the weaker section of the society aware about their rights.</li> <li>-Debate on Biotic elements are more important than the a biotic elements.</li> </ul>	<ul style="list-style-type: none"> <li>- Chart making (Showing various stages of the rock cycle)</li> <li>- Map work (Territories of Rashtrakutas, Palas and Gurajara)</li> <li>- Clay model (showing the different structures formed by sea waves).</li> </ul>	<ul style="list-style-type: none"> <li>- Presentation (State legislature, governors of different states, chief ministers of different states) collect picture information and cut outs on the topic.</li> <li>Poster making (Save the girl child, if you educate a girl you can educate the whole community)</li> <li>- Rain gauge model</li> </ul>	
Assessment	<ul style="list-style-type: none"> <li>• Chart Making</li> <li>• MCQs</li> <li>• Periodic Test (Paper Pen Test)</li> </ul>		<ul style="list-style-type: none"> <li>• Debate</li> <li>• Poster Making</li> <li>• Periodic Test (Paper Pen Test)</li> </ul>	

Sanskrit						
महीना	पाठ्य पुस्तक रुचिरा भाग - 2					
	विषय वस्तु	पठन कौशल	लेखन कौशल	वाचन कौशल	व्याकरण	मूल्यांकन
मार्च	सुभाषितानि	श्लोकों का लयबद्धता से पठन	श्लोकों का तथा पाठ का हिन्दी	श्लोकों का सस्वर वाचन	संस्कृत गणना (1 से 50) तक भू धातु, किम् शब्द	पठन (कक्षा परीक्षा)
अप्रैल	दुर्बुद्धिः विनश्यति	पाठ का शुद्ध उच्चारण के साथ पठन।	अनुवाद लेखन। परियोजना कार्य	बुद्धि बड़ी या बल विषय पर चर्चा।	पर्यायवाची शब्द विलोम शब्द	लेखन वाचन
मई	स्वावलंबनम्  हास्यवालकवि- सम्मेलनम्	पाठ का शुद्ध उच्चारण के साथ पठन।  पाठ का शुद्ध उच्चारण के साथ पठन।	विषय से संबंधित अनुच्छेद लेखन।  विषय का हिंदी अनुवाद लेखन।	स्वावलंबनम् विषय पर चर्चा।  संवाद वाचन	अपठित गद्यांश गम्, चर् और कृ धातु अव्यय शब्द	पठन (कक्षा परीक्षा)  वाचन
जून - जुलाई	पण्डिता रमाबाई	गद्यांश का शुद्ध उच्चारण	पाठ का हिंदी अनुवाद लेखन। परियोजना कार्य	नाटक रूप में प्रस्तुतीकरण	मति, नदी शब्द समय लेखनम् अपठित गद्यांश	लेखन (कक्षा परीक्षा) वाचन
<ul style="list-style-type: none"> <li>कक्षा परीक्षा-हर महीने दो-दो परीक्षा ली जाएगी</li> <li>रचनात्मक मूल्यांकन- लघु गतिविधि, दीर्घ गतिविधि</li> <li>उत्तर-पुस्तिका का रख रखाव व प्रस्तुतीकरण</li> </ul>						

COMPUTER SCIENCE (Grade-7)			
Month	March/ April	May	June
Content	Ch-1 Number System	Ch-2 Networking Concepts	Ch-5 Cybercrimes and cyber security
Objectives	-Introducing Number system -Decimal number system -Binary Number system -Octal number system -Hexadecimal number System -Conversion in number system Computer arithmetic	-Computer Network -Advantages of Networking -Types of network -PAN, LAN, MAN, WAN -Network components, Architecture Topology and Security	-Computer ethics -Unethical practices -Cybercrimes against An Individual -Cybercrimes against Property -Cyber security
Activities	<b>Practical-</b> Designing web page(using list and tables (Ch-3)	<b>Practical-</b> Designing web page(using images, audios and videos) (Ch-4)	
<b>Project For Term -1:</b> Create a Webpage on “Tourism”			<b>Weightage (20 Marks)</b> Last Submission Date: 17-Jun-2023

Physical Education			
MONTH	ACTIVITY	SKILL/ASANA	OBJECTIVES
March and April	General Activity	Mass PT, Marching, Dumbbells.	To improve coordination, flexibility, agility, mental health, physical fitness.
	Badminton	Service, Fore hand, Back hand, Speed work	To improve skill, hand eye co ordination and physical fitness.
May and June	Volley Ball	Under hand pass ,Dig pass	To improve hand eye co ordination, agility, flexibility and skill. Remove disorders of digestion, spine and chest disorders
	Yoga, Table Tennis	Asana, Service, Fore hand and Back hand.	
July	Chess	Basic knowledge	To improve mental strength.

ART		
Month	Activity	Learning Objective
March/April	Still life, Fruit Composition, Vegetables	Development of Drawing, Perspective, Creative and colouring skill.
	Still life, Building	
May	Nature study, Tree (Activity)	
June/ July	Nature study colouring Bird, Landscape, Forest (Activity)	
	Ocean, Tiger, Bear	

<u>Music</u>	<u>Dance</u>
<ul style="list-style-type: none"> <li>Guitar Chords</li> <li>Key Board Maj Scales</li> <li>New Prayer Practice</li> <li>School Song, National Song, National Anthem Practice</li> <li>Raag Yaman</li> <li>Introduction of Congo and waltz beat practice</li> <li>Drum Set (Waltz beat practice)</li> <li>Guitar major chords practice</li> <li>Xylophone practice</li> <li>Tabla (tin taal practice) Raag + Taal + Bhajan + Definitions</li> </ul>	<ul style="list-style-type: none"> <li>Introduction of Bharatnatyam, Kathak and Classical Dance.</li> <li>Bhumi pranam, Toras and Tatkar</li> <li>Gat Nikas</li> <li>Punjabi Folk Dance</li> <li>Aerobics, Hip Hop &amp; Free Style.</li> <li>Folk Dance of different states.</li> <li>Break, Salsas and Belly Dance</li> </ul>

