



**Cambridge**  
INTERNATIONAL SCHOOL  
PALAMPUR

# **Curriculum (2024-25)**

Term - II (September to February)

**Grade - VII**

## **Subjects :**

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

## ENGLISH

Months	Content	Reading Skills	Listening and Speaking Skills	Writing Skills	Grammar Gear	Assessment
	<b>LITERATURE READER (Gulmohar)</b>					
SEPTEMBER/ OCTOBER	<b>Prose</b> L-3 Green Morning L-7 The Scholarship Jacket  <b>Poem</b> A Sea of Foliage	Listen to the speech of Barack Obama, during the time when he was president of the USA. Then answer the questions given on page 34.  Appreciation of Poetry	Asking Question/Answers Listen to the formal and informal expression and express your disagreement in appropriate manner.	Short Essay	L-10 Subject Verb Agreement L- 8 Verbs Transitive and Intransitive L-3 Formation of Adjectives	•Write the story from Driscoll's point of view using guideline given on page no. 35 •Dictation •Draw a picture of garden as described by speaker in the poem
NOVEMBER	<b>Prose</b> L-8 My Unknown Friend <b>Poem</b> The Mother Bird	Factual and inferential comprehension.  Appreciation of Poetry	Listen to the announcement about railway etiquettes and make a statement. Discuss your attitude or behaviour towards birds & animals	Character Sketch  E-mail Writing	L-23 Sentences Simple, Compound and Complex	•Writing – Character Sketch of narrator •Dictation • Pen paper test
DECEMBER	<b>Prose</b> L-10 The Enchanted Pool  L-9 Night Witches Mechanic (Listening Comprehension) <b>Poem</b> Heartwood	Read interpret and comprehend the text  Verbal expression of thoughts	Discuss any story from Indian mythology and folktales that you have read or heard  Discuss about the figure of speech	Short Story Writing	L-24 Direct and Indirect Speech L- 5 Determiners	•Poem Recitation • Pen paper test
JAN/ FEB	L-8 The Wolves of Cernogratz  Thorough revision of whole syllabus	Analyzing, Interpreting, inferring and evaluating information.	Discussing how writer creates a strange and almost frightening atmosphere. Asking Question/Answers	Dialogue Writing		•Dictation •Speaking • Pen paper test

## हिंदी

महीना	पाठ्यपुस्तक बसंत		लेखन कौशल	गुलमोहर हिंदी व्याकरण		
	विषयवस्तु	पठन कौशल		वाचन कौशल	व्याकरण	मूल्यांकन
सितंबर - अक्टूबर	अपूर्व अनुभव  संघर्ष के कारण मैं तुनुकमिज़ाज़ हो गया  महाभारत (24 से 28)	पाठ का प्रभावशाली ढंग से पठन  पाठ का प्रभावशाली ढंग से पठन	दैनंदिनी लेखन  साक्षात्कार लेखन (प्रधानाचार्य - छात्र)	अपनी बहादुरी पर चर्चा।  भाग्य व परिश्रम पर चर्चा।	अनेक शब्दों के लिए एक शब्द  अविकारी शब्द	विषय संवर्धन नाट्य मंचन (गतिविधि)  संवाद लेखन
नवंबर	नीलकंठ  रहीम के दोहे  महाभारत (29 से 35)	पाठ का प्रभावशाली ढंग से पठन  दोहों का लय, यति, गति के साथ पठन	संदेश लेखन  दोहा लेखन (कबीर)	पशु-पक्षियों के प्रति सद्भावना पर चर्चा  संगति का जीवन पर प्रभाव (चर्चा)।	कारक  अनौपचारिक पत्र	लेखन (महादेवी वर्मा)  वाचन (कबीर दोहे)
दिसंबर	वीर कुँवर सिंह  महाभारत (36 से 38)	पाठ का प्रभावशाली ढंग से पठन।	अनुच्छेद लेखन	स्वतंत्रता सेनानियों संबंधी चर्चा।	समास  विराम चिह्न	पठन (पाठ्यपुस्तक) (पी. पी. टी)  महाभारत (नाटक मंचन)
जनवरी / फरवरी	एक तिनका  महाभारत (39 से 40)	कविता का लय, यति, गति के साथ पठन	जीवनी लेखन	घमंडी का सिर नीचा पर चर्चा।	वाक्य विचार  औपचारिक पत्र	वाचन (जीवनी)

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

## MATHEMATICS

	SEP/OCT	NOVEMBER	DECEMBER	JAN/FEB
Content	Ch -6 The Triangle and its Properties (Class activity)	Ch- 7 Comparing Quantities (Lab activity) Ch -10 Algebraic Expressions	Ch -9 Perimeter and Area (Lab activity) Ch -11 Exponents & Powers (Quiz)	Ch- 13 Visualising Solid Shapes (Lab activity) Revision
Skills	<ul style="list-style-type: none"> <li>❖ Knowledge of types of triangles on the basis of sides and angles</li> <li>❖ Altitude and medians of triangle</li> <li>Understanding and application of Angle Sum Property of a triangle and Exterior Angle Property of a triangle</li> <li>❖ Representation of rational numbers on number line.</li> <li>Four basic operations on rational numbers.</li> </ul>	<ul style="list-style-type: none"> <li>❖ Understanding and application of concept of Ratio, Unitary Method, Percentage, Profit and Loss, Simple Interest</li> <li>❖ Understanding the terms of an algebraic expression</li> <li>❖ Knowledge of Types of Algebraic Expressions.</li> <li>❖ Understanding and application of Addition and Subtraction of Algebraic Expressions</li> <li>❖ Finding the Value of an Algebraic Expression</li> </ul>	<ul style="list-style-type: none"> <li>❖ Understanding the concept of perimeter of different figures (square, rectangle, triangle, parallelogram, circle and other 2D figures)</li> <li>❖ Understanding the concept of Area of different figures (square, rectangle and parallelogram)</li> <li>❖ Understanding the concept of Exponents and Powers</li> <li>❖ Knowledge and application of four basic laws of exponents</li> <li>❖ Standard form of exponents</li> </ul>	<ul style="list-style-type: none"> <li>❖ To know vertices, edges and faces of 3D figures</li> <li>❖ Nets of 3D figures</li> <li>❖ Drawing of 3D objects on an isometric and squared paper Section</li> <li>❖ Visualisation of solids.</li> </ul>
Assessment	<ul style="list-style-type: none"> <li>• Subject Enrichment Activity (Ch- 14)</li> <li>• Concept Map Making</li> <li>• Worksheets</li> <li>• Paper Pen Test</li> <li>• Oral Test</li> <li>• Blackboard Test</li> <li>• HOTS</li> <li>• Periodic Test</li> <li>• C.W/H.W</li> </ul>		<ul style="list-style-type: none"> <li>• Subject Enrichment Activity (Ch-9)</li> <li>• Concept Map Making</li> <li>• Worksheets</li> <li>• Oral Test</li> <li>• Blackboard Test</li> <li>• HOTS</li> <li>• Paper Pen Test</li> <li>• Periodic Test</li> <li>• C.W/H.W</li> </ul>	

## SCIENCE

	SEP/OCT	NOVEMBER	DECEMBER	JAN/FEB
CONTENT	<b>*Ch – 10 (Bio)</b> Transportation and Excretion <b>*Ch – 16 (Bio)</b> Forest – Our Life Line <b>*Ch – 14 (Phy.)</b> Wind and Storm <b>*Ch – 8 (Chem.)</b> Soil	<b>*Ch – 12 (Phy.)</b> Motion and Time <b>*Ch – 18 (Chem.)</b> Waste Management <b>*Ch – 17 (Bio)</b> Wise Use of Water	<b>*Ch – 11 (Bio)</b> Reproduction in Plants(Flower will be shown to explain reproduction) <b>*Ch – 13 (Phy.)</b> Electric Current and its Effects <b>*Ch-7 (Bio)</b> Weather, Climate and Adaptation (Video)	<b>*Ch – 3 (Chem.)</b> Fibre to Fabric
OBJECTIVES	*Enlist organs and their functions of Circulatory and Excretory Systems in animals. *Differentiate between Arteries and Veins. *Explain transport of food and water in plants and animals. *Explain the process of transpiration in plants *Discuss about how forests help in purifying air and what would happen if they disappear. *To learn about the uses of forest. *Understanding about the interdependence of plants and animals. *Analyzing the effect of air pressure. *Discuss the characteristics of wind. *Differentiating between winds, storms and cyclones. *Enlist the safety measures during storms and cyclones *Differentiating between winds, storms and cyclones. *Enlist the safety measures during storms and cyclones *Compare horizons of soil profile. *Explain and discuss properties of soil. *Find percolation rate of soil. Discuss about causes of soil erosion and its prevention *Highlight the importance *Discuss about causes of soil erosion and its prevention	*To know about measurement of time. *To learn about slow and fast motion. *Explain and discuss about Distance and time graphs.(using graphs) *To know about sources of waste water management. *Understanding about where the waste goes and how is water treated. *Discuss about controlling sewage generation. *Explain the methods of sewage disposal and improper management of sewage.	*Differentiate between different modes of reproduction in plants i.e. asexual and sexual. *Differentiate between self and cross pollination. *Comprehend the process of seed dispersal. *Interpret advantages of vegetative reproduction *Understanding about electric circuit diagrams. *Explain about heating and magnetic effect of electric current. *Understanding about weather and climate. *To learn about the factors affecting climate of the earth *Examine adaptations of animals to different climates	*Explain and discuss about wool and its production. *To learn about the health hazards in the wool industry. *Understanding about Silk, sericulture and the health hazards associated to it.
LAB ACTIVITIES	- To observe the process of osmosis in plants - To show that water is lost from the leaves through the stomata as a result of transpiration - To observe that air exerts pressure in all directions - To observe effect of wind speed on air pressure - To make a model of human heart, excretory system		- To make a model of sundial, simple pendulum - To make a model of waste management - To make a model of a flower parts - To show that electric current produces heating effects. - To analyse magnetic poles - To make a model of electric bell	
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>• Model Making</li> <li>• Collage Making</li> <li>• Lab activity (Ch-14)</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>• MCQs</li> <li>• Lab Activities (Ch-13)</li> <li>• File Presentation</li> <li>• Model Making</li> </ul>	

SOCIAL SCIENCE				
	SEP/OCT	NOVEMBER	DECEMBER	JAN / FEB
Content	- Understanding Media -Devotional Path to Divine (Not for assessment)	-Tribes, Nomads and Settled Communities -The Making of Regional Culture (Not for assessment) - Human Environment Interaction – The Tropical and the Subtropical Region	-Eighteenth Century Political Formations -Market Around Us - A Shirt in the Market ( Not for assessment)	-Life in the Desert
Objectives	-To understand the term Media and its role in democracy -To know about various religious movements and their beliefs	-To know about the activities and Vedic culture, Advaita contribution to non- tribal culture -To learn about different regional cultures -Familiarise with the life in the amazon Basin, in the Ganga Basin etc	-To know about regional kingdoms and cause of fall of Mughal Empire -Familiarise with different types of market. - understand markets and their relation to everyday life	-To learn about the climate animals and people in deserts
Assessment	<ul style="list-style-type: none"> <li>• Debate</li> <li>• Paper Pen Test</li> <li>• Report Writing</li> </ul>		<ul style="list-style-type: none"> <li>• Collage Work</li> <li>• MCQs</li> <li>• Presentation</li> </ul>	
Activity	- Do a presentation on the history of any medieval Indian port city of your choice ( Barring the ones that you have already learned about in towns, traders and craftperson) - Report writing: Find out about the natural vegetation and wildlife of the region in which you live. How much of the natural vegetation can still be found? How has it changed over the years? Present your findings in a report.		- Collect any two recipes of dishes that are traditional to the Sahara and to Ladakh. With the help of an elder try to make any one dish at home. Share the experience with your classmates. - Debate: Have a debate in class on the topic: The government should ban the setting up of malls as they are destroying the future of small retailers.	

## संस्कृत

महीना	पाठ्य पुस्तक रुचिरा भाग - 2					मूल्यांकन
	विषय वस्तु	पठन कौशल	लेखन कौशल	वाचन कौशल	व्याकरण	
सितम्बर / अक्टूबर	त्रिवर्णः ध्वजः	पाठ का शुद्ध उच्चारण के साथ पठन।	तिरंगे झंडे का चित्र बनाकर वाक्य लेखन।	झंडे के त्रिवर्ण पर वाचन। परियोजना कार्य	अपठित गद्यांश	पठन (कक्षा परीक्षा) लेखन  वाचन
नवम्बर	समवायो हि दुर्जनः विद्याधनम्	पाठ का शुद्ध उच्चारण के साथ पठन। गद्यांश का उचित पठन। पद्यों का शुद्ध उच्चारण के साथ पठन।	विभक्ति लेखन वाक्य लेखन पद्यानुसार वाक्य लेखन। (परियोजना कार्य)	कारक के विषय पर वाचन एकता में बल है विषय पर वाचन। पद्यों वाचन का उच्चारण	वाक्य रचना मधु शब्द अपा (पिब) वस् धातु पच धातु 50 से 75	पठन  लेखन (कक्षा परीक्षा)  वाचन
दिसम्बर	अमृत संस्कृतम्	पाठ का शुद्ध उच्चारण के साथ पठन।	पाठ का हिन्दी अनुवाद लेखन।	संस्कृत विषय के ऊपर वाचन	दृश, स्था वारि शब्द,	पठन लेखन (कक्षा परीक्षा)
जनवरी-फरवरी	अनारिकायाः जिज्ञासा	पाठ का शुद्ध उच्चारण के साथ पठन।	पाठ का अर्थ ग्रहण कर लेखन।		वार्तालाप अथवा संवाद लेखन	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 (उत्तर-पुस्तिका का रख रखाव व प्रस्तुतीकरण)</li> </ul>						

## COMPUTER SCIENCE

Month	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JAN/FEB
<b>Content</b>	Ch-2 Controls in Python (Coding) cont.	Ch-4 Introduction to Web Development (Coding) Ch-5 Images and Hyperlinks in HTML (Coding)	Ch-7 Database Ch-6 Lists and Tables in HTML	Ch-6 Lists and Tables in HTML (Continued) Ch-2 Animation with Canva	Ch-2 Animation with Canva Cont. Revision of SA-II syllabus
<b>Objectives</b>	-Conditional statements and comparison operators -Logical operators	-HTML and its Basic Document structure -Basic HTML Terminologies -CSS-I -Adding Images -Styling Images	- Introduction to Database and DBMS-I - Introduction to Database and DBMS-II - MYSQL-I - MYSQL-II -Adding Lists -Styling lists	-Adding Tables - Styling Tables -Animations and Canva-I	-Animations and Canva-II -Revision of SA-II Syllabus -Practical Practice

## PHYSICAL EDUCATION

MONTH	ACTIVITY	SKILL/ASANA	OBJECTIVES
<b>SEP/ OCT</b>	Gymnastic	Rolls, Jumps	It improves coordination between mind and body.
	Skating	Balance and Roll	To improve physical fitness through running and jumping exercises.
<b>NOV / DEC</b>	Basketball	Lay-up Shot, Jump shot, Speed Work	To improve Hand eye co-ordination.
	Athletics	Running and Jumping	To improve physical fitness through running and jumping exercises.
<b>JAN/ FEB</b>	Cricket	Bat Handling, Bowling and Stance	To improve co-ordination between different organs, endurance, flexibility, stamina and agility

## ART

Months	Activity	Learning Objective
<b>SEP/OCT</b>	Kalamkari Art, Embossed Art & Flower Basket	Development of Drawing, Perspective, Creative and Colouring Skill.
<b>NOV</b>	Girl Teaching Dog, Optical Art	
<b>DEC</b>	The Farm House (Drawing & Colouring) & Portrait Male (Activity)	
<b>JAN/FEB</b>	3D Grapes for Paper (Craft Idea), Stylish Planter & Flowers Splendid	

## **MUSIC**

- Guitar Chords
- Key Board Maj Scales
- New Prayer Practice
- School Song, National Song, National Anthem Practice
- Raag Yaman
- Introduction of Congo and waltz beat practice
- Drum Set (Waltz beat practice)
- Guitar major chords practice
- Xylophone practice
- Tabla (tin taal practice)

## **DANCE**

- Introduction to Western and Contemporary Dance.
- Revision of all steps, Body Stretch and Body Balance.
- Correct hand movements and body postures.
- Stage & Performance Skills Practice.
- Shingar