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## PREFACE

Curriculum planning is a continuous process. It is crucial in the context of education and plays an important role in bringing out desirable social, economic and cultural changes. By designing relevant and detailed syllabi for different stages of school education an important link is established between educational objectives and the expected developmental goals in a systematic and graded manner.

It is imperative to consider the various issues and concerns in education and relate them to social, economic and cultural issues along with numerous other issues related to environment, industry, agriculture conservation of natural resources, defence, health, nutrition and population and give fresh look to these issues while designing syllabus in an integrated manner. There is also an urgent need to address some other educational concerns like eliminating imbalances, facing the impact globalization, meeting the challenges of information and communication technology, linking education with life-skills and harnessing education for value development. Emphasis is laid on the process of learning and developing necessary academic and social skills more than acquisition of facts.

The National Curriculum Framework for school Education recommends a common scheme of studies for the upper primary stage (3 years) with emphasis on the skills of learning. This scheme of studies is as follows :

1. Three Languages - mother tongue / regional language, modern Indian language and English
2. Mathematics
3. Science and Technology
4. Social Science
5. Work Education
6. Art Education - Fine Art, Visual and Performing
7. Health and Physical Education

The prescribed syllabus is an excellent course designed under the new norms of the NCERT Syllabus and guidelines. It holds a modern approach of teaching for the development of a young and creative mind. The illustrations and fun filled activities along with the class room teaching facilities the learners to develop power of thinking and analyzing. The syllabus is designed so that the assessment system, child's Psychology, period distribution quality grasping and activities goes hand in hand systematically.

## GENERAL GUIDELINES FOR THE STUDENTS

1. Students should be present in the class at the start of the period and reach in time for all other activities and functions.
2. Attendance on the last day of school before vacation and first day of the school after vacations is absolutely essential.
3. Students are required to behave politely at all times and should not use indecent languages or, indulge in fights and quarrels with other children in the school. Any behaviour likely to hurt others in the matter of language, religion or community is strictly prohibited.
4. Children should refrain themselves from the following activities :  
Spitting in or near the school building, disfiguring or otherwise damaging the school property, any form of rowdyism and rude behaviour.
5. No students should scratch or damage the school property or write or draw on the walls or cause damage in any way to any item belonging to the school or to others in the school. Any damage done will render the students liable for recovery of damages.
6. In the absence of the teacher from the classroom students are required to observe silence and obey the monitor of the class.
7. Every student should have his/her own textbook, stationery and other material required for studies, Articles should not be exchanged, nor should money be borrowed or lent.
8. A student who uses unfair means in the examination will render himself/herself liable to such punishment as is considered necessary by the Principal/Co-ordinator.
9. The general behaviour of the students should be good not only within the school but also outside. Any reported objectionable conduct within or outside the school will make the student liable for disciplinary action.
10. Every student should take care of his/her personal belongings, School authorities will not be responsible for loss of such belongings.
11. It is the duty of all students to keep their classrooms and other places in and around the school clean and in order. All waste paper and other discardable materials should be thrown in the dustbin.
12. No student is allowed to write on the black board unless asked to do so by the teacher.
13. Before leaving the class room at the end of the day they should arrange the desks and chairs in proper order, put off the lights and fans, close the windows, throw the waste and unwanted materials into the dustbin and then leave the class room.
14. A student should come to the school in proper uniform which should be properly washed & ironed.
15. A student should greet/wish everybody with a pleasant smile.
16. Violation of the rules and regulations of the school and the code of conduct will render the concerned student liable to punishment including removal from the rolls of the school.

**UNIT WISE DISTRIBUTION OF THE SYLLABUS (2022-23)****CLASS VIII**

Units	Dates		No. of Days
	From	To	
Unit 1	28.03.2022	08.04.2022	11
Unit 2	11.04.2022	22.04.2022	09
Unit 3	25.04.2022	13.05.2022	14
Unit 4	16.05.2022	27.05.2022	10
<b>Summer Vacation</b>	<b>28.05.2022</b>	<b>02.07.2022</b>	
Unit 5	04.07.2022	16.07.2022	11
Unit 6	18.07.2022	30.07.2022	11
Unit 7	01.08.2022	20.08.2022	13
Unit 8	22.08.2022	03.09.2022	11
Unit 9 & Rev.	05.09.2022	17.09.2022	11
<b>Half Yearly Exams</b>	<b>19.09.2022</b>	<b>01.10.2022</b>	
<b>Autumn Break</b>	<b>03.10.2022</b>	<b>05.10.2022</b>	
Unit 10	06.10.2022	29.10.2022	15 (Including Diwali Break)
Unit 11	31.10.2022	11.11.2022	10
Unit 12	14.11.2022	25.11.2022	11
Unit 13	28.11.2022	09.12.2022	11
Unit 14	12.12.2022	30.12.2022	16
<b>Winter Break</b>	<b>31.12.2022</b>	<b>11.01.2023</b>	
Unit 15	12.01.2023	27.01.2023	12
Unit 16	30.01.2023	10.02.2023	11
Unit 17 & Rev.	13.02.2023	24.02.2023	11
<b>Annual Exams</b>	<b>27.02.2023 onwards</b>		

**ASSESSMENT SCHEDULE :**

Assessment	Dates	
	From	To
Multiple Asstt.-1	28.03.2022	20.05.2022
Periodic Asstt.-1	25.07.2022	30.07.2022
<b>Half Yearly Exams :</b>	<b>19.09.2022</b>	<b>01.10.2022</b>
Multiple Asstt.-2	10.10.2022	25.11.2022
Periodic Asstt.-2	23.12.2022	30.12.2022
<b>Annual Exams</b>	<b>27.02.2023 onwards</b>	

**Please note :** Any change in the above schedule will be notified to the parents.

<b>ENGLISH</b>
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**Prescribed Books :**

1. Honeydew Publication : NCERT
2. It so happened Publication : NCERT
3. The English Channel Course Book  
Publication : By Britannica (India) Pvt. Ltd

**General Objectives :** To enable the students :

- ❖ To communicate effectively and appropriately in real life situation.
- ❖ To develop interest in and appreciation of.
- ❖ To listen, understand and communicate using English in a variety of topics.
- ❖ To read, enjoy and appreciate written English materials.
- ❖ To develop an awareness of the importance of the English language as an international means of communication in order to benefit from it.
- ❖ To develop and integrate the use of the four language skills i.e. Reading, Listening, Speaking and Writing;
- ❖ To develop students insight into the structure of English Language.

**Specific Objectives :****A) Receptivity :**

**(1) Reading Skills :** The ability to read English with understanding

**The student is able to :**

- (i) understand the total content and underlying meaning in the context;
- (ii) follow sequence of ideas, facts etc.
- (iii) identify and understand phrase or sentence groups;
- (iv) draw inferences and predict outcomes;
- (v) grasp meaning of words and sentences and acquire the ability to use a suitable dictionary;

(vi) form the habit of reading for pleasure and information;

(vii) develop correct reading habits, silently, extensively and intensively;

(viii) comprehend material other than the prescribed text; and comment on the passages read.

**(2) Listening Skills :** The ability to understand English when it is spoken.

**The student is able to :**

- (i) understand meaning of words, phrases and sentences in context;
- (ii) understand statements, questions, instructions, and commands;
- (iii) follow directions, simple narratives and description given orally;
- (iv) grasp the substance and central idea of what is heard;
- (v) listen and understand radio broadcasts, T.V. Programmes; and
- (vi) maintain his/her listening attention for a reasonable length of time.

**B) Expression :**

**(1) Speaking Skills :** The ability to speak intelligibly.

**The Student is able to :**

- (i) pronounce English Correctly and intelligibly;
- (ii) use appropriate word stress, sentence stress and elementary intonation patterns;
- (iii) speak intelligibly while making statements, asking question, giving instructions and commands, reporting events.
- (iv) put ideas sequentially;
- (v) narrate simple experiences and series of events to convey its essence and intention and
- (vii) converse in familiar social situations.

**(2) Writing Skills :** The ability to write English correctly.

**The student is able to :**

- (i) master the Mechanics of writing; the use of correct punctuation marks and capital letters;
- (ii) spell words correctly, write neatly and legibly
- (iii) complete accurately and fluently semi controlled compositions like stories, events, processes etc;
- (iv) write description of people, places and things and respond imaginatively to textual questions;
- (v) write paragraphs, letters. (Personal and official) simple, narrative pieces, reports, notices, messages, diary entries etc;
- (vi) make notes and summarize, edit written material and expand notes.

**C) Attitudinal Change :** Through the course, the student should be able to - imbibe ethical, moral, national and cultural values through various forms of.

**D) Creative Expression :** During the course, the student should be enabled to write an original, dialogue, story one-act play, poems etc. Subject to minor changes due to unavoidable circumstances

- **Note :** Subject to minor changes due to unavoidable circumstances

- Some of the topics from MCB will be taken up as PBL Chapters (Project Based Learning) Which will be intimated as and when required.

**Unit 1            28.03.2022 to 08.04.2022            (11)**

**Topic            :** Revision of the previous concepts

**Grammar        :** Parts of Speech  
(Identification and overview)

**Writing Skills :** Diary Entry

**Art Integration :**

Collage making on 'Parts of Speech'

<p><b>Unit 2 11.04.2022 to 22.04.2022 (09)</b>  <b>Honeydew</b> : Unit 1 : The Best Christmas Present in the World (Story)  <b>Grammar</b> : Part and Kinds of Sentences (Know the identification of different kinds of sentences Simple, Complex and Compound)  <b>Question tags</b> : Understand a short question, either positive or negative, added to a statement in order to get it confirmed.  Eg.-Negative-You're John, are't you ?  Positive-You're not John, are you ?  <b>Writing Skills</b> : Diary Entry  <b>Art Integration</b> :  Diary Entry as Mrs. Jim Macpherson  <b>Unit 3 25.04.2022 to 13.05.2022 (14)</b>  <b>Literature</b> : The Ant and the Cricket (Poem)  <b>Grammar</b> :  <ul style="list-style-type: none"> <li>• Recap of types of Nouns, Pronoun, Adjectives, Adverb and Prepositions through worksheets</li> <li>• Difference between an adjective and Adverb</li> <li>• Determiners</li> </ul> <b>W. Skills</b> : Diary Entry  <b>Art Integration</b> : Draw out the central idea of the poem 'The Ant and the Cricket'  <b>Unit 4 16.05.2022 to 27.05.2022 (10)</b>  <b>It So Happened</b> : Unit 1 : How the Camel got his bump  <b>MCB</b> : One Summer Night  <b>Grammar</b> : Verbs-Finite and Non-Finite Modal  <b>Writing Skills</b> : Notice Writing  <b>Art Integration</b> :  Research work on the chapter "The Tsunami".  <b>Unit 5 04.07.2022 to 16.07.2022 (11)</b>  <b>It So Happened</b> : Unit 2 : Children at Work</p>	<p><b>Grammar</b> :  <ul style="list-style-type: none"> <li>• Subject verb Concord (Integrated Grammar worksheets)</li> <li>• Conjunctions (Coordinating, Subordinating and Correlative)</li> </ul> <b>Writing Skills</b> : Formal Letter (Letter to the Govt. officials)  <b>Art Integration</b> : Delivering a speech to convince and encourage others to reflect on 'Plight of poor children'.  <b>Unit 6 18.07.2022 to 30.07.2022 (11)</b>  <b>Honeydew</b> : Unit 2 : The Geography Lesson  <b>It So Happened</b> : Unit 3 : The Selfish Giant  <b>Grammar</b> : Recap Subject Verb Concord  <b>Writing Skills</b> : Formal Letter (Leave Application)  <b>Art Integration</b> :  <ol style="list-style-type: none"> <li>1. Speak about the incident.</li> <li>2. Worksheet for all range of learners.</li> <li>3. Writing Assignments</li> </ol> <b>Unit 7 01.08.2022 to 20.08.2022 (13)</b>  <b>Honeydew</b> : Unit 3 : Glimpses of the Past (Story)  <b>MCB</b> : The Ballad of Rum  <b>It So Happened</b> : Unit 4 : The Treasure Within  <b>Grammar</b> : Tense (Present and Past)  <b>W. Skills</b> : Formal Letter (contd.)  <b>Art Integration</b> :  <ol style="list-style-type: none"> <li>1. Narrate stories of freedom fighters.</li> <li>2. Interpret saying and quotation of freedom fighter.</li> <li>3. Worksheets</li> <li>4. Writing Assignments</li> </ol> <b>Unit 8 22.08.2022 to 03.09.2022 (11)</b>  <b>Honeydew</b> : Unit 4 : Bipin Choudhary's Lapse of Memory (Story)  The Last Bargain (Poem)  <b>MCB</b> : A Special Request  <b>Grammar</b> : Tense (Future)  <b>Writing Skills</b> : Article Writing</p>	<p><b>Art Integration</b> :  Article writing based on Bravery and Will Power.  <b>Revision</b> : Revision test, Sample/Mock test.  <b>Unit 9 &amp; Rev. 05.09.2022 to 17.09.2022 (11)</b>  <b>Honeydew</b> : Unit 5 :  <b>It So Happened</b> : Unit 5 : Princess September  <b>MCB</b> : Feelings  <b>Grammar</b> : Reported Speech (Identifying Sentences of Direct and Indirect Speech)  <b>Writing Skills</b> : Article Writing (contd.)  <b>Art Integration</b> : Prepare dialogues based on situations given portraying your feelings.  <b>Unit 10 06.10.2022 to 29.10.2022 (15)</b>  <b>It So Happened</b> : Unit 6 : The Fight  <b>MCB</b> : Jeh', the Jewel of India  <b>Grammar</b> : Reported Speech (Conversion of Sentences)  <b>Writing Skills</b> : Speech Writing  <b>Art Integration</b> :  <ol style="list-style-type: none"> <li>1. Speech on " Peace is more powerful than violence "</li> <li>2. Speech writing on facts (based on research)</li> <li>3. Speech writing (delivering ideas from interviews).</li> </ol> <b>Unit 11 31.10.2022 to 11.11.2022 (10)</b>  <b>Honeydew</b> : Unit 7 : A Visit to Cambridge (Story)  <b>It So Happened</b> : Unit 7 : The Open Window  <b>Grammar</b> : Active and Passive Voice (Identification and conversion)  <b>Writing Skills</b> : Informal Letters  <b>Art Integration</b> :  PPT on JRD Tata and his achievements.  <b>Unit 12 14.11.2022 to 25.11.2022 (11)</b>  <b>Honeydew</b> : Unit 8 : On the Grasshopper and Cricket (Poem)</p>
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<p><b>It So Happened</b> : Unit 8 : Jalebis  <b>Grammar</b> : Integrated  <b>Writing Skills</b> : Editorial Letter  <b>Art Integration</b> :</p> <ol style="list-style-type: none"> <li>1. Debate based on the theme 'Superstition'</li> <li>2. Worksheets.</li> <li>3. Group Activity</li> <li>4. Writing tasks for all kinds of learners.</li> </ol> <p><b>Unit 13</b> 28.11.2022 to 09.12.2022 (11)  <b>MCB</b> : The Eyes Have It  <b>Grammar</b> : Integrated  <b>Writing Skills</b> : Descriptive paragraphs  <b>Art Integration</b> : Letter to the editor on a recent disaster/metro with congruent newspaper clip.</p> <p><b>Unit 14</b> 12.12.2022 to 30.12.2022 (16)  <b>MCB</b> : The Merchant of Venice  <b>Grammar</b> : Editing, Omission and Jumbled sentences (contd.)  <b>Writing Skills</b> : Diary Entry  <b>Art Integration</b> :</p> <ol style="list-style-type: none"> <li>1. A diary entry on how you felt when Shylock got ready to cut the flesh from the body and how you felt when the judge stopped Shylock.</li> <li>2. Worksheets</li> </ol> <p><b>Unit 15</b> 12.01.2023 to 27.01.2023 (12)  <b>Literature</b> : Revision  <b>MCB</b> : Revision  <b>Grammar</b> : Revision  <b>Writing skills</b> : Revision  <b>Art Integration</b> :</p> <p><b>Unit 16</b> 30.01.2023 to 10.02.2023 (11)  <b>Literature</b> : Revision  <b>MCB</b> : Revision  <b>Grammar</b> : Revision  <b>Writing skills</b> : Revision  <b>Art Integration</b> :</p> <p><b>Unit 17 &amp; Rev.</b> 13.02.2023 to 24.02.2023 (11)  <b>Literature</b> : Revision</p>	<p><b>MCB</b> : Revision  <b>Grammar</b> : Revision  <b>Writing skills</b> : Revision  <b>Art Integration</b> :</p> <p><b>ASSESSMENT SCHEDULE :</b></p> <p><b>Multiple Asst.-1</b> 28.03.2022 to 20.05.2022  <b>Reading</b> : Unseen Comprehension  <b>Writing Skills</b> : Diary Entry</p> <p><b>Periodic Asst.-1</b> 25.07.2022 to 30.07.2022  <b>Reading</b> : Unseen Comprehension  <b>Honeydew</b> : The Best Christmas Present in the World (Story),  The Ant and the Cricket (Poem)</p> <p><b>Grammar</b> : Parts of Speech, Subject Verb Concord</p> <p><b>Writing</b> : Notice writing</p> <p><b>Half Yearly Exams</b> 19.09.2022 to 01.10.2022  <b>Reading</b> : Unseen Comprehension  <b>Honeydew</b> : The Best Christmas Present in the World, The Ant and the Cricket,  Bepin Choudhury's Lapse of Memory, The Last Bargain</p> <p><b>MCB</b> : One Summer Night,  The Ballad of Rum,  A Special Request, Feelings</p> <p><b>Grammar</b> : Integrated Grammar, Tense, Reported Speech, Subject Verb Concord, Determiners</p> <p><b>Writing</b> : Formal Letter, Notice Writing, Poster making, Article Writing</p> <p><b>Multiple Asst.-2</b> 10.10.2022 to 25.11.2022  <b>Reading</b> : Unseen Comprehension  <b>Honeydew</b> : A Visit to Cambridge (Story)  <b>Grammar</b> : Voice  <b>Writing Skills</b> : Speech Writing</p> <p><b>Periodic Asst.-2</b> 23.12.2022 to 30.12.2022  <b>Reading</b> : Unseen Comprehension</p>	<p><b>Honeydew</b> : On the Grasshopper and Cricket (Poem)  <b>Grammar</b> : Integrated  <b>Writing Skills</b> : Informal Letters  <b>Annual Exams</b> 27.02.2023 onwards  <b>Reading</b> : Unseen Comprehension  <b>Honeydew</b> : The Best Christmas Present in the World, The Ant and the Cricket,  Bepin Choudhury's Lapse of Memory, The Last Bargain,  A Visit to Cambridge,  On the Grasshopper and Cricket</p> <p><b>MCB</b> : 'Jeh', the Jewel of India,  The Eyes Have It,  The Merchant of Venice</p> <p><b>Grammar</b> : Integrated, Editing, Omission, Jumbled Sentences</p> <p><b>Writing</b> : Formal Letter (Editorial Letter), Article Writing, Informal Letters, Speech writing, Diary Entry</p> <div style="text-align: center; border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">हिन्दी</div> <p><b>प्रस्तावित पुस्तकें :</b></p> <ol style="list-style-type: none"> <li>1. वसंत-भाग-तीन प्रकाशक : एन.सी.ई.आर.टी.</li> <li>2. व्याकरण सार्थक प्रकाशक : मधुबन</li> <li>3. पिटारा-पूरक पुस्तक प्रकाशक - पी.पी. प्रकाशन</li> </ol> <p><b>भाषा शिक्षण उद्देश्य :-</b></p> <p>विद्यार्थी की स्वाभाविक अभिव्यक्ति, कल्पना-शीलता, भाषिक कौशल और अपनी सोच को आसपास के परिवेश में ही विकसित करना। साथ ही अनुमान व सृजनशीलता का विकास करना।</p>
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<p><b>Unit 1</b>      <b>28.03.2022 to 08.04.2022</b>      (11)</p> <p>वसंत        : पाठ 1 ध्वनि ( कविता )</p> <p>व्याकरण    : भाषा, वर्ण विचार व भाषा उपसर्ग</p> <p>पिटारा      : पाठ 1 राजधर्म</p> <p>रचनात्मक   : अनुच्छेद लेखन, पत्र लेखन</p> <p>गतिविधि    :</p> <p>भाषा से संबंधित निम्नलिखित जीनकारी अभ्यास पुस्तिका में लगाएं -</p> <ol style="list-style-type: none"> <li>भाषा के रूपों पर आधारित चित्र</li> <li>हिंदी भाषा के विभाजन क्षेत्र के आधार पर वृक्ष रूप में ।</li> </ol> <p>अधिगम प्रतिफल :</p> <ul style="list-style-type: none"> <li>ऋतुओं के विषय में पूरी जानकारी लेना ।</li> <li>राजा के अधिकारों की जानकारी होना ।</li> <li>नैतिक मूल्यों का विकास ।</li> </ul>	<p><b>Unit 3</b>      <b>25.04.2022 to 13.05.2022</b>      (14)</p> <p>वसंत        : पाठ 9 कबीर की साखियाँ</p> <p>व्याकरण    : संज्ञा व सर्वनाम</p> <p>पिटारा      : पाठ 3 ठाकुर का कुआँ</p> <p>रचनात्मक   : पत्र लेखन ( औपचारिक )</p> <p>गतिविधि    :</p> <ol style="list-style-type: none"> <li>सामूहिक गतिविधि-अलग-अलग समूहों में शब्द भंडार पर आधारित छोटे कार्ड बनाकर अभ्यास पुस्तिका में लगाएं ।</li> <li>पाठ्य-पुस्तक में संकलित दोहों से अतिरिक्त कबीर अनुक्रमांक 1-10, व रहीम अनुक्रमांक 11-20, संत तिरुवल्लुवर अनुक्रमांक 21-30, तुलसी दास के दोहे अनुक्रमांक 31 से अन्त तक के अन्य दोहों का संकलन चार्ट पर या अपनी आवाज में रिकार्डिंग कीजिए ।</li> </ol> <p>अधिगम प्रतिफल : नैतिक मूल्यों का विकास होना तथा अपशब्दों से दूर रहने की प्रेरणा देना समाज में फैली वर्ण व्यवस्था को दूर करने के लिए कदम उठाना ।</p>	<p>विषय के विपक्ष में अपने विचार अपनी अभ्यास पुस्तिका में लिखिए ।</p> <ol style="list-style-type: none"> <li>दस ऐसे शब्दों का संकलन कीजिए जिसमें उपसर्ग व प्रत्यय दोनों का एक साथ प्रयोग किया गया हो ।</li> </ol> <p>अधिगम प्रतिफल : आशावादी होने की भावना उत्पन्न होना ।</p> <p><b>Unit 5</b>      <b>04.07.2022 to 16.07.2022</b>      (11)</p> <p>वसंत        : पाठ 12 सुदामा चरित</p> <p>व्याकरण    : अशुद्धि शोधन शब्द और वाक्य के रूप में । विशेषण</p> <p>पिटारा      : पाठ 4 सेर को सवा सेर</p> <p>रचनात्मक   : विज्ञापन रचना, चित्र वर्णन समाचार पत्रों से</p> <p>गतिविधि    :</p> <ol style="list-style-type: none"> <li>सच्ची मित्रता के विषय से संबंधित कहानियों का संकलन कीजिए ।</li> <li>विषम अनुक्रमांक अपने मित्र की विशेषताओं पर 80-100 शब्दों में अनुच्छेद लिखिए ।</li> <li>सम अनुक्रमांक आप अपने मित्र में क्या-क्या खूबियाँ देखना चाहते हैं विषय पर 80-100 शब्दों में अनुच्छेद लिखिए ।</li> </ol> <p>अधिगम प्रतिफल :</p> <ol style="list-style-type: none"> <li>मित्रता निभाने की प्रवृत्ति उत्पन्न होना ।</li> <li>दूसरे को शिष्टतापूर्वक सबक सिखाने की प्रेरणा देना ।</li> </ol>
<p><b>Unit 2</b>      <b>11.04.2022 to 22.04.2022</b>      (09)</p> <p>वसंत        : पाठ 17 बाज और साँप</p> <p>व्याकरण    : शब्द विचार, विलोम शब्द व पर्यायवाची शब्द</p> <p>पिटारा      : पाठ 2 अपना अपना भाग्य</p> <p>रचनात्मक   : संवाद लेखन</p> <p>गतिविधि    :</p> <ol style="list-style-type: none"> <li>साँप और बाज के संवाद को अपने मित्र के साथ मिलकर रिकार्ड करें ।</li> <li>यौगिक शब्द और संधि युक्त शब्दों की सूची बनाएं</li> </ol> <p>अधिगम प्रतिफल : जीवन के प्रति सकारात्मक दृष्टिकोण अपनाना ।</p>	<p><b>Unit 4</b>      <b>16.05.2022 to 27.05.2022</b>      (10)</p> <p>वसंत        : पाठ 7 क्या निराश हुआ जाए</p> <p>व्याकरण    : उपसर्ग, प्रत्यय</p> <p>पिटारा      : पाठ 3 ठाकुर का कुआँ पुनरावृत्ति</p> <p>रचनात्मक   : अनुच्छेद लेखन, संवाद लेखन</p> <p>गतिविधि    :</p> <ol style="list-style-type: none"> <li>भारत का भविष्य उज्ज्वल किस प्रकार बना सकते हैं । विषय पर कक्षा में वाद-विवाद करना व सम अनुक्रमांक विषय के पक्ष में व विषम अनुक्रमांक</li> </ol>	<p>अधिगम प्रतिफल :</p> <ol style="list-style-type: none"> <li>मित्रता निभाने की प्रवृत्ति उत्पन्न होना ।</li> <li>दूसरे को शिष्टतापूर्वक सबक सिखाने की प्रेरणा देना ।</li> </ol> <p><b>Unit 6</b>      <b>18.07.2022 to 30.07.2022</b>      (11)</p> <p>वसंत        : पाठ 10 कामचोर</p>



<p>व्याकरण : क्रिया व काल, विराम चिह्न पिटारा : पाठ 5 इब्राहिम गार्दी रचनात्मक : संवाद लेखन गतिविधि :</p> <ol style="list-style-type: none"> <li>1. वाद-विवाद प्रतियोगिता-संयुक्त परिवार की अपेक्षा एकल परिवार अधिक सुखी होता है ।</li> <li>2. भाषण-शीर्षक: उचित मार्गदर्शन में बच्चे बड़ों की अपेक्षा अपने कार्य को दक्षता से करते हैं ।</li> <li>3. विराम चिह्नों पर आधारित दमशराज खेलें । जिसकी रिकार्डिंग विद्यालय के कैमरे में की जाएगी ।</li> </ol>	<p>अधिगम प्रतिफल : 1. मशीनीयुग से होने वाले लाभ तथा हानियों को समझना । 2. घर के महत्व को समझते हुए शैतानी न करने के लिए प्रेरित करना ।</p> <p>Unit 8 22.08.2022 to 03.09.2022 (11) वसंत : पाठ 4 दीवानों की हस्ती व्याकरण : मुहावरे व श्रुतिसम, भिन्नार्थक शब्द पिटारा : पुनरावृति रचनात्मक : पत्र लेखन गतिविधि : मुहावरों व अब तक पठित व्याकरण प्रकरणों के आधार पर प्रश्नोत्तरी तैयार कीजिए ।</p> <p>अधिगम प्रतिफल : नफरत के स्थान पर सभी में प्रेम भाव उत्पन्न होना ।</p> <p>Unit 9 &amp; Rev. 05.09.2022 to 17.09.2022 (11) वसंत : पाठ 16 पानी की कहानी व्याकरण : अव्यय पिटारा : पाठ 7 कितनी जमीन रचनात्मक : संवाद लेखन, पत्र लेखन गतिविधि :</p> <ol style="list-style-type: none"> <li>1. जलचक्र के विषय में जानकारी एकत्रित करके कोलार्ज तैयार कीजिए ।</li> <li>2. पानी के कौन-कौन से स्रोत हैं ? चित्र सहित सूची बनाइए ।</li> </ol> <p>अधिगम प्रतिफल : साहित्य के माध्यम से विज्ञान विषय को सूक्ष्मता से समझना व लिखना संतोष की भवना उत्पन्न होना ।</p>	<p>Unit 10 06.10.2022 to 29.10.2022 (15) वसंत : पाठ 6 भगवान के डाकिए व्याकरण : वाक्य विचार अर्थ के आधार पर पिटारा : पाठ 8 लक्ष्मी का साहस रचनात्मक : अनुच्छेद लेखन गतिविधि : किसी डाकघर जाकर पत्र की यात्रा की जानकारी एकत्रित कर चार्ट के माध्यम से कक्षा में समझाइए ।</p> <p>अधिगम प्रतिफल : 1. प्रकृति से एकता भाव सीखना 2. अन्याय के खिलाफ आवाज उठाना ।</p> <p>Unit 11 31.10.2022 to 11.11.2022 (10) वसंत : पाठ 14 अकबरी लोटा व्याकरण : वाक्य रचना के आधार पर पिटारा : पाठ 9 बचपन की यादें रचनात्मक : चित्र वर्णन, सूचना लेखन गतिविधि : अपनी मनपसंद वस्तुओं का संग्रह चित्रों के माध्यम से कीजिए अलबम रूप में ।</p> <p>अधिगम प्रतिफल : 1. अवसरवादी बनना 2. बचपन में हुई गलतियों को सुधारना</p>
<p>अधिगम प्रतिफल : 1. बचपन में ही दुसरों की सहायता करने की प्रवृत्ति का विकास करना । 2. देश सेवा में धर्म को आगे न लाने का भाव उत्पन्न होना और सभी धर्मों को सम्मान देना ।</p> <p>Unit 7 01.08.2022 to 20.08.2022 (13) वसंत : पाठ 2 लाख की चूड़ियाँ व्याकरण : संज्ञा के रूप, अनेक शब्दों के लिए एक शब्द पिटारा : पाठ 6 छुट्टियों का इंतजार रचनात्मक : अनुच्छेद लेखन गतिविधि :</p> <ol style="list-style-type: none"> <li>1. किसी लघु उद्योग पर अपनी आवाज में एक वृत्तचित्र तैयार कीजिए ।</li> <li>2. लुप्त होते हस्तकला उद्योगों की सूची बनाएँ ।</li> <li>3. लाख से बनने वाली वस्तुओं की सूची बनाएँ ।</li> </ol>	<p>अधिगम प्रतिफल : 1. बचपन में ही दुसरों की सहायता करने की प्रवृत्ति का विकास करना । 2. देश सेवा में धर्म को आगे न लाने का भाव उत्पन्न होना और सभी धर्मों को सम्मान देना ।</p> <p>Unit 7 01.08.2022 to 20.08.2022 (13) वसंत : पाठ 2 लाख की चूड़ियाँ व्याकरण : संज्ञा के रूप, अनेक शब्दों के लिए एक शब्द पिटारा : पाठ 6 छुट्टियों का इंतजार रचनात्मक : अनुच्छेद लेखन गतिविधि :</p> <ol style="list-style-type: none"> <li>1. किसी लघु उद्योग पर अपनी आवाज में एक वृत्तचित्र तैयार कीजिए ।</li> <li>2. लुप्त होते हस्तकला उद्योगों की सूची बनाएँ ।</li> <li>3. लाख से बनने वाली वस्तुओं की सूची बनाएँ ।</li> </ol>	<p>अधिगम प्रतिफल : 1. बचपन में ही दुसरों की सहायता करने की प्रवृत्ति का विकास करना । 2. देश सेवा में धर्म को आगे न लाने का भाव उत्पन्न होना और सभी धर्मों को सम्मान देना ।</p> <p>Unit 7 01.08.2022 to 20.08.2022 (13) वसंत : पाठ 2 लाख की चूड़ियाँ व्याकरण : संज्ञा के रूप, अनेक शब्दों के लिए एक शब्द पिटारा : पाठ 6 छुट्टियों का इंतजार रचनात्मक : अनुच्छेद लेखन गतिविधि :</p> <ol style="list-style-type: none"> <li>1. किसी लघु उद्योग पर अपनी आवाज में एक वृत्तचित्र तैयार कीजिए ।</li> <li>2. लुप्त होते हस्तकला उद्योगों की सूची बनाएँ ।</li> <li>3. लाख से बनने वाली वस्तुओं की सूची बनाएँ ।</li> </ol>
		<p>Unit 12 14.11.2022 to 25.11.2022 (11) वसंत : पाठ 15 सूर के पद व्याकरण : समास पिटारा : पाठ 10 सिंदबाद की यात्रा रचनात्मक : विज्ञापन लेखन गतिविधि : कुछ ऐसे प्रसंगों, घटनाओं और</p>

<p>कहानियों का संकलन कीजिए जो बालमन और भोलेपन को व्यक्त करते हैं ।</p> <p>अधिगम प्रतिफल : डायरी लेखन को अपनाने के लिए प्रेरित होना ।</p> <p><b>Unit 13 28.11.2022 to 09.12.2022 (11)</b></p> <p>वसंत : पाठ 3 बस की यात्रा</p> <p>व्याकरण : लोकोक्तियाँ</p> <p>रचनात्मक : पत्र लेखन</p> <p>गतिविधि : पहिए की खोज से मानव जीवन में क्रांतिकारी बदलाव का कार्य किया है । उदाहरण सहित कक्षा में परिचर्चा कीजिए ।</p> <p>अधिगम प्रतिफल : स्वार्थ सिद्धि न कर लोक कल्याण की भावना उत्पन्न होना ।</p> <p><b>Unit 14 12.12.2022 to 30.12.2022 (16)</b></p> <p>वसंत : पाठ 19 टोपी</p> <p>व्याकरण : संधि</p> <p>पिटारा : पुनरावृत्ति</p> <p>रचनात्मक : पुनरावृत्ति</p> <p>गतिविधि :</p> <ol style="list-style-type: none"> <li>नये परिधानों की बिक्री हेतु विज्ञापन तैयार कीजिए</li> <li>यौगिक और संधि शब्दों में अंतर स्पष्ट करते हुए कक्षा के लिए एक चार्ट बनाइए ।</li> </ol> <p>अधिगम प्रतिफल : अपने लक्ष्य को प्राप्त करने के लिए भरसक प्रयास करना ।</p> <p><b>Unit 15 12.01.2023 to 27.01.2023 (12)</b></p> <p>वसंत : पुनरावृत्ति</p> <p>व्याकरण : पुनरावृत्ति</p>	<p>पिटारा : पुनरावृत्ति</p> <p>रचनात्मक : पुनरावृत्ति</p> <p>गतिविधि : प्रश्नोत्तरी के द्वारा पुनरावृत्ति करवाई जाएगी ।</p> <p>अधिगम प्रतिफल : प्रश्न-पत्र हल करने की युक्ति बनाना</p> <p><b>Unit 16 30.01.2023 to 10.02.2023 (11)</b></p> <p>विषय : संपूर्ण पाठ्यक्रम की पुनरावृत्ति</p> <p><b>Unit 17 &amp; Rev. 13.02.2023 to 24.02.2023 (11)</b></p> <p>विषय : संपूर्ण पाठ्यक्रम की पुनरावृत्ति</p> <p><b>ASSESSMENT SCHEDULE :</b></p> <p><b>Multiple Asst.-1 28.03.2022 to 20.05.2022</b></p> <p>वसंत : पाठ: 1 ध्वनि</p> <p>व्याकरण : वर्ण विच्छेद, वर्ण विचार, विलोम शब्द व पर्यायवाची शब्द</p> <p>पिटारा : पाठ 1 राजधर्म</p> <p>रचनात्मक : अनुच्छेद लेखन व पत्र लेखन</p> <p>पाठन: : अपठित गद्यांश</p> <p><b>Periodic Asst.-1 25.07.2022 to 30.07.2022</b></p> <p>वसंत : पाठ: 9, 7</p> <p>व्याकरण : शब्द विचार, उपसर्ग, प्रत्यय, अशुद्धि शोधन</p> <p>पिटारा : पाठ: 3</p> <p>रचनात्मक : विज्ञापन लेखन, संवाद लेखन</p> <p>पाठन: : अपठित काव्यांश</p> <p><b>Half Yearly Exams 19.09.2022 to 01.10.2022</b></p> <p>वसंत : पाठ: 1, 2, 4, 7, 9, 10, 12, 17</p> <p>व्याकरण : यूनिट 8 तक करवाया गया कार्य</p>	<p>पिटारा : पाठ: 1 से 5</p> <p>रचनात्मक : अनुच्छेद लेखन, पत्र लेखन, विज्ञापन लेखन, संवाद लेखन, चित्र वर्णन</p> <p>पाठन: : अपठित गद्यांश व पद्यांश</p> <p><b>Multiple Asst.-2 10.10.2022 to 25.11.2022</b></p> <p>वसंत : पाठ: 16, 6</p> <p>व्याकरण : अव्यय</p> <p>पिटारा : पाठ: 6</p> <p>रचनात्मक : अनुच्छेद लेखन, चित्र वर्णन</p> <p>पाठन: : अपठित पद्यांश</p> <p><b>Periodic Asst.-2 23.12.2022 to 30.12.2022</b></p> <p>वसंत : पाठ: 14, 15</p> <p>व्याकरण : वाक्य व संधि</p> <p>पिटारा : पाठ: 7</p> <p>रचनात्मक : संवाद लेखन, विज्ञापन लेखन</p> <p>पाठन: : अपठित गद्यांश</p> <p><b>Annual Exams 27.02.2023 onwards</b></p> <p>वसंत : संपूर्ण पाठ्यक्रम</p> <p>व्याकरण : संपूर्ण व्याकरण</p> <p>पिटारा : संपूर्ण पाठ्यक्रम</p> <p>रचनात्मक : अनुच्छेद लेखन, पत्र लेखन, विज्ञापन लेखन, संवाद लेखन, सूचना लेखन</p> <p>पाठन: : अपठित गद्यांश व पद्यांश</p> <p>पाठ 5 चिट्ठियों की अनूठी दुनिया</p> <p>पाठ 8 यह सबसे कठिन समय नहीं</p> <p>पाठ 11 जब सिनेमा ने बोलना सीखा</p> <p>वर्तनी विचार व संधि</p>
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# MATHEMATICS

**Prescribed Book :**

1. Mathematics Text Book (NCERT)
2. Mental Maths cum Practice Book (NCERT)
3. Reference Book : Exemplar (NCERT)

**General Objectives :**

- ☞ To make learning Mathematics enjoyable for the learners.
- ☞ To develop the logical and mathematical skills of the learners.
- ☞ To increase the competitive skills of the learners.
- ☞ To facilitates character-building and develops a sense of values in learners.
- ☞ To understand mathematical language including the symbols.
- ☞ To help the child to develop a better understanding of logic & appreciating the motion of proof.

**Unit 1      28.03.2022 to 08.04.2022      (11)****Topic** : Ch-Rational Numbers

**Sub Topics :** Representation of Rational number on a number line, Properties of rational number's, Additive inverse and multiplicative inverse, Finding rational numbers between two given rational numbers, Operation on rational numbers.

**Topic** : Ch-Visualizing Solid Shapes

**Sub Topics :** 2D and 3D shapes, faces edges and vertices, Polyhedrons, Eulers formula for 3D figures, Different views of 3D objects.

**Learning Outcomes :** Students would be able to :

1. Understand the concept and fundamental operations on rational numbers and its properties.
2. represent the rational no. on a no. line
3. compare & perform operation of rational numbers

4. Draw 2D representation of 3D objects
5. Have different views of 3D objects
6. Count vertices , edges and faces of 3D figures with flat faces
7. Verify Eulers formula for polyhedrons

**Art Integration/Maths Lab Activity :**

- To verify Euler's Formula for different polyhedrons by drawing figures.

**Unit 2      11.04.2022 to 22.04.2022      (09)**

**Topics** : Ch-Visualising Solid Shapes (contd.)  
Ch-Exponents and Powers

**Sub Topics:** Laws of exponents,  
Scientific notation

**Learning Outcomes :** Students would be able to :

1. Write rational numbers with negative exponent
2. Understand Laws of exponents
3. Write Scientific form of very small numbers using exponents

**Art Integration/Maths Lab Activity :**

- Drawing a chart on laws of exponents.

**Unit 3      25.04.2022 to 13.05.2022      (14)**

**Topics** : Ch-Linear Equations in One Variable

**Sub Topics:** Linear equations in one variable,  
Solving equations, Word problems

**Learning Outcomes :**

To enhance the knowledge of simple linear equations by making the learners understand the concept of equality, the value of the equations and the shifting of numbers from one side of the equation to the other side.

**Art Integration/Maths Lab Activity :**

- Draw and Represent any five daily life situations in the form of linear equations and solve them.

**Unit 4      16.05.2022 to 27.05.2022      (10)**

**Topic** : Ch-Algebraic Expressions and identities

**Sub Topics:** Terms, Factors, Coefficients, Monomials, Binomials, Polynomials, Operations on algebraic identities

**Learning Outcomes :** Students would be able to :

1. Identify algebraic expressions, its terms and factors of terms
2. Identify like and unlike terms
3. Perform operations on algebraic expressions
4. Use standard identities in solving algebraic expressions

**Art Integration/Maths Lab Activity :** To verify :

$$a^2 - b^2 = (a - b)(a + b)$$

$$(a + b)^2 = a^2 + 2ab + b^2$$

**Unit 5      04.07.2022 to 16.07.2022      (11)**

**Topic** : Ch-Understanding Quadrilaterals

**Sub Topics:** Polygons, Types of polygons, Quadrilaterals, Angle sum property of Quadrilaterals, Kinds of Quadrilaterals, Properties of a parallelogram, Some special parallelograms (Rhombus and Rectangle)

**Learning Outcomes :** Students would be able to :

1. Identify Polygons
2. Find interior angles and exterior angles of a polygon
3. Identify different kinds of quadrilaterals
4. State properties of parallelogram
5. Distinguish between some special parallelograms

**Art Integration/Maths Lab Activity :** To verify the angle sum property of a quadrilateral by paper cutting and pasting.

<p><b>Unit 6</b>      <b>18.07.2022 to 30.07.2022</b>      <b>(11)</b>  <b>Topic</b>      : Ch-Understanding Quadrilaterals (contd.)  Ch-Square and Square Roots  <b>Sub Topics:</b> Square numbers, Properties of square numbers, Pythagorean triplets, Square roots  <b>Learning Outcomes :</b>  Students would be able to find :</p> <ol style="list-style-type: none"> <li>1. Squares of numbers, their properties and patterns</li> <li>2. Square root of numbers by <ol style="list-style-type: none"> <li>a) Prime factorization method</li> <li>b) Long division method</li> </ol> </li> </ol> <p><b>Art Integration/Maths Lab Activity :</b> To find the square of a two digit number by COLUMN METHOD</p>	<p><b>Art Integration/Maths Lab Activity :</b> To find the cube of a two digit number by COLUMN METHOD  <b>Unit 8</b>      <b>22.08.2022 to 03.09.2022</b>      <b>(11)</b>  <b>Topic</b>      : Ch-11 Mensuration (contd.)  <b>Art Integration/Maths Lab Activity :</b> To find the lateral surface area of a cylinder  <b>Unit 9 &amp; Rev. 05.09.2022 to 17.09.2022</b>      <b>(11)</b>  <b>Topic</b>      : Ch-Direct and Inverse Proportion  <b>Sub Topics:</b> Direct and Inverse Proportion, Word problems  <b>Learning Outcomes :</b> Students would be able to understand the concept of :</p> <ol style="list-style-type: none"> <li>1. Variation when both the quantities increase or decrease together (Direct proportion)</li> <li>2. Variation when increase in one quantity brings decrease in other quantity and vice versa (Indirect proportion)</li> </ol>	<p><b>Art Integration/Maths Lab Activity :</b>  <ol style="list-style-type: none"> <li>1. Plotting coordinates on a graph paper</li> <li>2. Using numbers 1 to 9, make a <math>3 \times 3</math> magic square so that the sum of each row, each column and each diagonal is same</li> </ol> <b>Unit 11</b>      <b>31.10.2022 to 11.11.2022</b>      <b>(10)</b>  <b>Topic</b>      : Ch-Factorisation  <b>Sub Topics:</b> Factors of algebraic expressions, Factorisation, Division of algebraic expressions  <b>Learning Outcomes :</b>  Factorize Algebraic expressions by :</p> <ol style="list-style-type: none"> <li>a) Finding common factors</li> <li>b) Grouping of terms</li> <li>c) Using Identities</li> </ol> <p><b>Unit 12</b>      <b>14.11.2022 to 25.11.2022</b>      <b>(11)</b>  <b>Topic</b>      : Ch-Factorisation (contd)  Ch-Data Handling  <b>Sub Topics:</b> Pictograph, Bar graph, Double bar graph, Grouping data, Histogram, Pie chart, Chance and probability  <b>Learning Outcomes :</b> Students would be able to :</p> <ol style="list-style-type: none"> <li>a) Read bar graphs and double bar graphs</li> <li>b) Arrange ungrouped data into groups and represent them through bar graphs</li> <li>c) Construct and interpret pie charts</li> </ol>
<p><b>Unit 7</b>      <b>01.08.2022 to 20.08.2022</b>      <b>(13)</b>  <b>Topic</b>      : Ch-Cube and Cube Roots  <b>Sub Topics:</b> Cube numbers, Perfect Cube, Cube roots  <b>Topic</b>      : Ch-Mensuration  <b>Sub Topics:</b> Perimeter and area of a square, Rectangle, Area of a trapezium, Surface area and volume of cube, Cuboid and cylinder  <b>Learning Outcomes :</b>  Students would be able to find :</p> <ol style="list-style-type: none"> <li>1. Cubes of numbers, their properties and patterns</li> <li>2. Methods to test whether the given numbers are perfect cubes or not</li> <li>3. Cube root of numbers by Prime factorization</li> <li>4. Perimeter and area of square, rectangle and different types of quadrilaterals</li> <li>5. Lateral and TSA of cube, cuboid and cylinder</li> <li>6. Volume of cube, cuboid and cylinder</li> </ol>	<p><b>Unit 10</b>      <b>06.10.2022 to 29.10.2022</b>      <b>(15)</b>  <b>Topic</b>      : Ch-Introduction to Graphs  <b>Sub Topics:</b> Bar Graph, Pie Graph, Histogram, Line Graph, Location of a point, coordinates  <b>Topic</b>      : Ch-Playing with Numbers  <b>Sub Topics:</b> Numbers in general form, Letters for digits, Tests of divisibility  <b>Learning Outcomes :</b> Students would be able to :</p> <ol style="list-style-type: none"> <li>1. Numerical data through graphs</li> <li>2. Draw and read linear graphs</li> <li>3. Explain terms related with Cartesian system of co ordinate axes</li> <li>4. Plot points for different kinds of situations</li> <li>5. Find generalised form of two digit and three digit numbers</li> <li>6. Factors of sum and difference of a number and its reversed order number</li> <li>7. Divisibility of numbers by 2, 3, 5, 9, 10 for a two or three digit number expressed in general form</li> </ol>	<p><b>Art Integration/Maths Lab Activity :</b>  Drawing Pie charts  <b>Unit 13</b>      <b>28.11.2022 to 09.12.2022</b>      <b>(11)</b>  <b>Topic</b>      : Ch-Data Handling (contd)  <b>Art Integration/Maths Lab Activity :</b>  Drawing Pie charts  <b>Unit 14</b>      <b>12.12.2022 to 30.12.2022</b>      <b>(16)</b>  <b>Topic</b>      : Ch-Comparing Quantities  <b>Sub Topics:</b> Ratio and percentage, Increase and decrease percent, Profit and loss, Simple interest, compound interest  <b>Learning Outcomes :</b> Students would be able to :</p> <ol style="list-style-type: none"> <li>1. Solve problems involving applications on percentage, profit and loss, overhead expenses, discount</li> </ol>

- Find difference between simple and compound interest
- Arrive at the formulae for CI through patterns and use it for simple problems

**Unit 15 12.01.2023 to 27.01.2023 (12)**

**Topic** : Ch-Practical Geometry

**Sub Topics**: Construction of different types of Quadrilateral

**Learning Outcomes** : Students would be able to construct quadrilateral when :

- Four sides and one diagonal is given
- Three sides and two diagonals are given
- Three sides and two included angles are given
- Two adjacent sides and three angles are given
- Four sides and one angle is given

**Unit 16 30.01.2023 to 10.02.2023 (11)**

**Topic** : Revision for Annual Exam

**Unit 17 & Rev. 13.02.2023 to 24.02.2023 (11)**

**Topic** : Revision for Annual Exam

**ASSESSMENT SCHEDULE :**

**Multiple Asst.-1 28.03.2022 to 20.05.2022**

**Topics** : Ch-10 Visualizing Solid Shapes

**Periodic Asst.-1 25.07.2022 to 30.07.2022**

**Topics** : Ch-1 Rational Numbers  
Ch-12 Exponents and Powers  
Ch-9 Algebraic Expressions and Identities

**Half Yearly Exams 19.09.2022 to 01.10.2022**

**Topics** : Ch- 1; 2; 3; 6; 7; 9; 10; 12

**Multiple Asst.-2 10.10.2022 to 25.11.2022**

**Topics** : Ch-13 Direct and Inverse Proportions

Ch-15 Introduction to Graphs

**Periodic Asst.-2 23.12.2022 to 30.12.2022**

**Topics** : Ch- 14 Factorisation

Ch-16 Playing with Numbers

Ch-3 Understanding Quadrilaterals

**Annual Exams 27.02.2023 onwards**

**Topics** : Full Syllabus

## SCIENCE

**Prescribed Book** : Science Text Book (NCERT)

**General Objectives** :

- ❖ To develop understanding of some basic principles and laws of science.
- ❖ To familiarize the learners with life processes, health and wellness, nutrition and human diseases.
- ❖ To provide scientific and technological literacy to the learners.
- ❖ To understand the processes that underline scientific principles.
- ❖ To make learners capable of applying basic scientific principles.
- ❖ To develop problem solving and decision making skills.
- ❖ To develop an attitude which would equip them to continue science and technology education throughout life.

**Specific Objectives** : To enable students to :

- ◆ explore surroundings ( e.g. field trip for some concepts such as Crop production and management)
- ◆ record observations about tensile strength of various fibres, and draw inference
- ◆ to enable students to present information in tabular form (Study the time period of pendulum)
- ◆ Perform experiments based on concepts such as principles of light.
- ◆ Demonstrate values imbibed by them through

the topic (Seminar on pollution, causes and its effects)

- ◆ To make students understand applications of basic scientific principles to solve problems related to daily life.
- ◆ To develop an attitude which would equip them to continue science and technology education throughout their life.

**Unit 1 28.03.2022 to 08.04.2022 (11)**

**Topic** : L-16 Light

**Art Integration** : Ray diagram of multiple reflection, laws of reflection, Image formation by plane mirror

**Activity/Competency based learning** :

- To study image formation by mirrors
- Persistence of vision
- Multiple image formation
- To study image formation by mirror

**Learning Outcomes** :

- Apply the knowledge of laws of reflection in day to day phenomenon
- Understand the types of reflection and the reason behind it.
- Appreciate the use of eye and study the structure of eyes and their function
- Enlisting the methods to take work for eye.

**Unit 2 11.04.2022 to 22.04.2022 (09)**

**Topic** : L-13 Sound

**Art Integration** : Diagram of structure of ear

**Activity/Competency based learning** :

- Model of innovative musical instrument using material, available material,
- Activity : finding the time period and frequency of a moving pendulum

**Learning Outcomes** :

- Explains processes and phenomenon, e.g., production and propagation of sound



<ul style="list-style-type: none"> <li>Identify the types of musical instruments and their differences</li> <li>Understand the structure of ear and relate the function with their structure</li> </ul> <p><b>Unit 3</b>      <b>25.04.2022 to 13.05.2022</b>      <b>(14)</b>  <b>Topic</b>      : L-7 Conservation of Plant and Animals</p> <p><b>Art Integration :</b> Map pointing of various national parks and the animals and plants for which they are famous</p> <p><b>Activity/Competency based learning :</b>  Research based activity sheet for types of animals in wild and need to conserve the animals from extinction</p> <p><b>Learning Outcomes :</b> Make efforts to protect environment, e.g. using resources judiciously</p> <p><b>Unit 4</b>      <b>16.05.2022 to 27.05.2022</b>      <b>(10)</b>  <b>Topic</b>      : L-1 Crop production</p> <p><b>Art Integration :</b> Collect pictures of endangered animals and plants.</p> <p><b>Activity/Competency based learning :</b> Power Point presentation based on the topic</p> <p><b>Learning Outcomes :</b></p> <ul style="list-style-type: none"> <li>Making controlled use of fertilisers and pesticides; suggesting ways to cope with environmental hazards, etc.</li> <li>Understand the methods of food production and management and reason for food conservation.</li> </ul> <p><b>Unit 5</b>      <b>04.07.2022 to 16.07.2022</b>      <b>(11)</b>  <b>Topic</b>      : L-2 Microorganism : friends and foe</p> <p><b>Art Integration :</b></p> <ul style="list-style-type: none"> <li>To observe the permanent slides of microbes.</li> <li>Drawing of microbes and labeling the of various parts</li> </ul> <p><b>Activity/Competency based learning :</b></p> <ul style="list-style-type: none"> <li>Presentation of preservation techniques</li> </ul>	<ul style="list-style-type: none"> <li>Study of growth of microbes using dough or fruit juice.</li> <li>Setting of curd</li> <li>Power Point presentation on the impact of microbes.</li> </ul> <p><b>Learning Outcomes :</b></p> <ul style="list-style-type: none"> <li>Appreciate the diversity of life and living organisms around them.</li> <li>Understand the effects of microbes in the human life in both positive and negative way</li> <li>Apply the knowledge of food preservation in day to day life.</li> </ul> <p><b>Unit 6</b>      <b>18.07.2022 to 30.07.2022</b>      <b>(11)</b>  <b>Topic</b>      : L-3 Synthetic fibers and plastic  L-6 Coal and Petroleum</p> <p><b>Art Integration :</b> Differentiates materials such as, thermoplastics and thermosetting plastics</p> <p><b>Activity/Competency based learning :</b></p> <ul style="list-style-type: none"> <li>Demonstration on properties of plastics</li> <li>Group discussion : PCRA recommendation and conservation of fuel</li> </ul> <p><b>Learning Outcomes :</b></p> <ul style="list-style-type: none"> <li>Differentiates materials such as, thermoplastics and thermosetting plastics</li> <li>Enlisting the benefits and harms of plastics</li> <li>Exhibits creativity in designing, planning, making use of available resources</li> </ul> <p><b>Unit 7</b>      <b>01.08.2022 to 20.08.2022</b>      <b>(13)</b>  <b>Topic</b>      : L -4 Metal and Non Metal</p> <p><b>Art Integration :</b> Noting of observation of various physical properties of metals and non-metals.</p> <p><b>Activity/Competency based learning :</b></p> <ul style="list-style-type: none"> <li>Demonstration of some chemical reactions during online session.</li> </ul> <p><b>Learning Outcomes :</b></p> <ul style="list-style-type: none"> <li>classifies materials based on properties e.g., metals and non-metals</li> <li>writes word equation for chemical reactions,</li> </ul>	<p>e.g., reactions of metals and non-metals with air, water and acids, etc.</p> <p><b>Unit 8</b>      <b>22.08.2022 to 03.09.2022</b>      <b>(11)</b>  <b>Topic</b>      : L-8 Cell</p> <p><b>Art Integration :</b></p> <ul style="list-style-type: none"> <li>Diagram of cell organelles</li> <li>Tabulation of cell organelles and their functions.</li> </ul> <p><b>Activity/Competency based learning :</b></p> <ul style="list-style-type: none"> <li>Model showing plant and animal cell and its functions</li> <li>Activity : Study plant and animal cell by observing the slide making video.</li> </ul> <p><b>Learning Outcomes :</b></p> <ul style="list-style-type: none"> <li>Understand the structure of cell</li> <li>Grasp the differences in organisms on the basis of cell</li> <li>Differentiate between types of cells</li> <li>Tabulate the functions of cell organelles and their structure</li> <li>Correlate the structure and function of cells.</li> </ul> <p><b>Unit 9 &amp; Rev.</b> <b>05.09.2022 to 17.09.2022</b>      <b>(11)</b>  <b>Topic</b>      : L-5 Combustion and Flame</p> <p><b>Art Integration :</b></p> <ul style="list-style-type: none"> <li>Diagram showing the zones of a candle flame.</li> <li>Tabulating the characteristics of good fuel.</li> </ul> <p><b>Activity/Competency based learning :</b></p> <ul style="list-style-type: none"> <li>To study the zones of flames.</li> <li>Power Point presentation on types of combustion.</li> </ul> <p><b>Learning Outcomes :</b></p> <ul style="list-style-type: none"> <li>Conducts simple investigations to seek the conditions required for combustion.</li> <li>Correlate the conditions of ideal fuel.</li> <li>Reason out the application based day to problems and solutions regarding fire-fighting and controlling fire.</li> </ul> <p><b>Unit 10</b>      <b>06.10.2022 to 29.10.2022</b>      <b>(15)</b>  <b>Topic</b>      : L-14 Chemical effects of current</p>
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**Art Integration :**

Diagram of tester circuit to test electrolytes

**Activity/Competency based learning :**

To study the conduction of current in various liquids.

**Learning Outcomes :**

- Explains processes and phenomenon, e.g. chemical effects of electric current.
- Study and list out the material which allow the current to pass through them.

**Unit 11 31.10.2022 to 11.11.2022 (10)**

**Topic :** L-18 Pollution of air and water  
L-11 Force and Pressure

**Art Integration :**

- Diagrammatically showing effect of depth on pressure.
- To tabulate the effect of pressure and force.

**Activity/Competency based learning :**

- Seminar on pollution, causes and its effects.
- Activity : Effects of force, pressure.
- Change of pressure in fluids.

**Learning Outcomes :** The learner

- Understand the impact of force and its effects.
- Deduce the effects of force on various activities.
- Work out the difference between balanced and unbalanced force.
- Understand the concept of pressure.
- Apply the knowledge of for pressure on day to day activity.

**Unit 12 14.11.2022 to 25.11.2022 (11)**

**Topic :** L-12 Friction

**Art Integration :** Diagrammatically showing relation between motion and direction of frictional force.

**Activity/Competency based learning :**

- Activities : Study the effect of friction using spring balance.
- Difference in types of friction.

- To study the methods to increase or decrease friction.

**Learning Outcomes :**

- Applies learning of scientific concepts in day-to-day life, e.g. increasing/reducing friction.
- Application of knowledge to increase or decrease friction.

**Unit 13 28.11.2022 to 09.12.2022 (11)**

**Topic :** L-15 Some Natural Phenomenon

**Art Integration :** To detect electrostatic charge using an electroscope.

**Activity/Competency based learning :**

- Types of charges and their interaction.

**Learning Outcomes :**

- Constructs models using materials from surroundings and explains their working e.g. electroscope.
- relates processes and phenomenon with causes, e.g., smog formation with the presence of pollutants in air;

**Unit 14 12.12.2022 to 30.12.2022 (16)**

**Topic :** L-9 reaching the age of adolescence

**Art Integration :** Presentation : Reproduction of organisms and changes at puberty.

**Activity/Competency based learning :**

- Power Point presentation based on the topic

**Learning Outcomes :**

- Applies learning of scientific concepts in day-to-day life, e.g. challenging myths and taboos regarding adolescence.

**Unit 15 12.01.2023 to 27.01.2023 (12)**

**Topic :** L-10 Reproduction in Organisms

**Art Integration :**

- Diagram showing reproduction in yeast

**Activity/Competency based learning :**

- Power Point presentation based on the topic

**Learning Outcomes :**

- Explains processes and phenomenon, e.g., reproduction in human and animals

**Unit 16 30.01.2023 to 10.02.2023 (11)**

**Topic :** L- 17 Star and Solar System

**Art Integration :** E-magazine making on the given topics from the concerned lesson.

**Activity/Competency based learning :**

- Activity : Research based project on solar system

**Learning Outcomes :**

- Classifies celestial objects based on properties- stars and planets
- Understand the types and position of different celestial objects.

**Unit 17 & Rev. 13.02.2023 to 24.02.2023 (11)**

**Topic :** Revision

**ASSESSMENT SCHEDULE :**

**Multiple Asst.-1 28.03.2022 to 20.05.2022**

**Topic :** L-16

**Periodic Asst.-1 25.07.2022 to 30.07.2022**

**Topic :** L-13 and L-1

**Half Yearly Exams 19.09.2022 to 01.10.2022**

**Topic :** L-13, 16, 1, 2, 7, 4 and 8

**Multiple Asst.-2 10.10.2022 to 25.11.2022**

**Topic :** L-18 and L-5

**Periodic Asst.-2 23.12.2022 to 30.12.2022**

**Topic :** L-14 and L-12

**Annual Exams 27.02.2023 onwards**

**Topic :** Full Syllabus

**SOCIAL SCIENCE**

**Unit 1 28.03.2022 to 08.04.2022 (11)**

**Geography :** Ch-1 Resources

**Civics :** Ch-1 Indian Constitution

**History :** Ch-1 How, When & Where



**Learning outcomes :** After this, students will be able to :

- Classify the various types of resources.
- Realize the need for conservation of resources.
- To analyze the role of the constitution & the rule of law.
- Inform about the beginning of the modern period in India.

**Art Integration :**

- Mind mapping of resources.
- Wall magazine on Dr. B.R. Ambedkar
- Make a portfolio of the past events in your life.

**Unit 2 11.04.2022 to 22.04.2022 (09)**

**Geography :** Ch-1 Resources (contd.)

**Civics :** Ch-2 Understanding Secularism  
Ch-3 Why do we need Parliament

**Learning outcomes :** After this, students will be able to :

- To realize about the freedom to live by their religious beliefs & practices.
- Explain about the federal system of government
- To explain about the basic features and functions of parliament.

**Art Integration :**

- Comparative study of the religion in different parts of the world.
- Role play on Working of the parliament of our country.

**Unit 3 25.04.2022 to 13.05.2022 (14)**

**Geography :** Ch-1 Revision

**History :** Ch-2 From trade to territory

**Civics :** Ch-3 Why do we need Parliament (contd.)

**Learning outcomes :** After this, students will be able to :

- Inform the arrival of the European trading companies in India.
- About the rise of British dominance in India.

**Art Integration :**

- Case study on Rani Laxmi Bai, Tipu Sultan

**Unit 4 16.05.2022 to 27.05.2022 (10)**

**History :** Ch-3 Project Work

Ch-4 Tribals and Dikus

**Geography :** Ch-2 Land, Soil & Water

**Civics :** Ch-4 Understanding Laws

**Learning outcomes :** After this, students will be able to :

- Basic features of tribal society.
- An insight into how the colonial rule influenced tribal societies.
- To learn about the major tribal revolts.
- Realizing the factors responsible for land degradation, soil, water & natural vegetation.
- Analyzing the methods of conservation.
- To develop an understanding of the rule of law.
- To make them understand that constitution as the primary source of our laws.

**Art Integration :**

- Project work and role play on Tribal society.
- Distribution of various types of soil In India (map)
- Model of Rain water harvesting.
- Case study on Rosa Park.

**Unit 5 04.07.2022 to 16.07.2022 (11)**

**Geography :** Ch-2 Land, Soil & Water (contd.)

**Civics :** Ch-5 Judiciary

**History :** Ch-4 Tribals and Dikus (contd.)

**Learning outcomes :** After this, students will be able to :

- Identify the structure and working of Indian judiciary.
- List the need for independence of judiciary.

**Art Integration :** Moot court

**Unit 6 18.07.2022 to 30.07.2022 (11)**

**History :** Ch-5 When People Rebel

**Geography :** Ch-3 Mineral and power resources

**Learning outcomes :** After this, students will be able to :

- Dramatize the major causes of the revolt of 1857.
- Inform about the leaders participated in this revolt.
- The changes in colonial administration after 1857.
- Analyze the formation & existence of minerals & need of their conservation.
- Encourage learners to use non-conventional resources.

**Art Integration :**

- Case study on Mangal Pandey film review on Mangal Pandey.
- Distribution of various minerals in India and in world (map)

**Unit 7 01.08.2022 to 20.08.2022 (13)**

**History :** Ch-6 Colonialism & the City

**Civics :** Ch-6 Understanding Criminal Justice system

**Learning outcomes :** After this, students will be able to :

- Explain the nature of urban change during British rule.
- Different types of cities that emerged during colonial rule in India.
- Analyze the role of court, police, public prosecutor in maintaining law & order.
- About the procedure for logging a FIR.

**Art Integration :**

- Make a scrap book on the old Delhi monuments and streets of Chandni Chowk & Shahjanabad.
- Role play on the Police Criminal Public prosecutor Judge

**Unit 8 22.08.2022 to 03.09.2022 (11)**

**Geography :** Ch-3 Mineral and power resources (contd.) Revision

<p><b>History</b> : Ch-6 Colonialism &amp; the City (contd.) Ch-7 Weavers, Iron smelters and factory owners (project)</p> <p><b>Learning outcomes</b> : After this, students will be able to analyze the role of weavers in the Indian economy</p> <p><b>Art Integration</b> : Project work</p> <p><b>Unit 9 &amp; Rev. 05.09.2022 to 17.09.2022 (11)</b></p> <p><b>Geography</b> : Ch-4 Agriculture</p> <p><b>Civics</b> : Ch-7 &amp; 8 Understanding &amp; confronting marginalization</p> <p><b>Learning outcomes</b> : After this, students will be able to :</p> <ul style="list-style-type: none"> <li>• Differentiating between different types of farming.</li> <li>• Understanding different geographical conditions required for the growth of major crops.</li> <li>• Define the concept of marginalization.</li> <li>• About the social &amp; economic inequalities.</li> <li>• Aware about the steps taken by the Indian govt. to eradicate discrimination.</li> </ul> <p><b>Art Integration</b> :</p> <ul style="list-style-type: none"> <li>• Comparative study of major crops cultivated in India.</li> <li>• Distribution of major crops (map).</li> <li>• Discussion on Sachar committee.</li> </ul> <p><b>Unit 10 06.10.2022 to 29.10.2022 (15)</b></p> <p><b>Geography</b> : Ch-4 Agriculture (cont)</p> <p><b>History</b> : Ch-8 Educating the nation, Civilizing native</p> <p><b>Learning outcomes</b> : After this, students will be able to :</p> <ul style="list-style-type: none"> <li>• About the indigenous system of education.</li> <li>• Aware about the British policies of education in INDIA.</li> <li>• Concept of Gandhi &amp; Tagore for education.</li> </ul>	<p><b>Art Integration</b> :</p> <ul style="list-style-type: none"> <li>• Portfolio on British education policies.</li> </ul> <p><b>Unit 11 31.10.2022 to 11.11.2022 (10)</b></p> <p><b>Geography</b> : Ch-5 Industries</p> <p><b>History</b> : Ch-9 Women, Caste &amp; Reform Ch-10 Project Work</p> <p><b>Activity</b> : Case study on various Reformers</p> <p><b>Learning outcomes</b> : After this, students will be able to :</p> <ul style="list-style-type: none"> <li>• Classify the types of industries on the basis of raw material, size &amp; ownership.</li> <li>• Explore the case studies-IT industries, Iron &amp; Steel. Textile etc.</li> <li>• Explain the role of women reformers.</li> <li>• About the social &amp; religious evils present in 19th century Indian society.</li> </ul> <p><b>Art Integration</b> :</p> <ul style="list-style-type: none"> <li>• Project work on major industries. (portfolio on major industries.)</li> <li>• Case study on Raja Ram Mohan Roy, Pandita Ramabai, Jyotiba Phule</li> </ul> <p><b>Unit 12 14.11.2022 to 25.11.2022 (11)</b></p> <p><b>Civics</b> : Ch-9 &amp; 10 Project work on public facilities and Bhopal Gas tragedy</p> <p><b>Geography</b> : Ch-5 Industries (contd.)</p> <p><b>Learning outcomes</b> : After this, students will be able to :</p> <ul style="list-style-type: none"> <li>• About the basic public facilities.</li> <li>• About water as a part of the Fundamental right.</li> </ul> <p><b>Art Integration</b> :</p> <ul style="list-style-type: none"> <li>• Project work on Bhopal Gas tragedy.</li> </ul> <p><b>Unit 13 28.11.2022 to 09.12.2022 (11)</b></p> <p><b>History</b> : Ch-11 &amp; 12 The Making of National movement India after Independence</p> <p><b>Geography</b> : Ch-6 Human Resources</p> <p><b>Learning outcomes</b> : After this, students will be able to :</p>	<ul style="list-style-type: none"> <li>• Aware about the different nationalist movements.</li> <li>• Explain the importance of people being called as resource.</li> </ul> <p><b>Art Integration</b> :</p> <ul style="list-style-type: none"> <li>• Role play on Mahatma Gandhi</li> <li>• Study of literacy rate in different states of India.</li> </ul> <p><b>Unit 14 12.12.2022 to 30.12.2022 (16)</b></p> <p><b>History</b> : Ch-11 &amp; 12 (contd.)</p> <p><b>Learning outcomes</b> : After this, students will be able to about the political and administrative unification.</p> <p><b>Art Integration</b> : Map working</p> <p><b>Unit 15 12.01.2023 to 27.01.2023 (12)</b></p> <p><b>Geography</b> : Ch-6 (contd.), Revision</p> <p><b>Learning outcomes</b> : After this, students will be able to critically analyzing the importance of population as an asset.</p> <p><b>Art Integration</b> : Map working</p> <p><b>Unit 16 30.01.2023 to 10.02.2023 (11)</b></p> <p><b>Topic</b> : Revision</p> <p><b>Unit 17 &amp; Rev. 13.02.2023 to 24.02.2023 (11)</b></p> <p><b>Topic</b> : Revision</p> <p><b>ASSESSMENT SCHEDULE :</b></p> <p><b>Multiple Asst.-1 28.03.2022 to 20.05.2022</b></p> <p><b>Geography</b> : Ch-1</p> <p><b>History</b> : Ch-1</p> <p><b>Civics</b> : Ch-1</p> <p><b>Periodic Asst.-1 25.07.2022 to 30.07.2022</b></p> <p><b>Geography</b> : Ch-2</p> <p><b>History</b> : Ch-2</p> <p><b>Civics</b> : Ch-3</p> <p><b>Half Yearly Exams 19.09.2022 to 01.10.2022</b></p> <p><b>Geography</b> : Ch-1, 2, 3</p> <p><b>History</b> : Ch-1, 2, 4, 5, 6</p> <p><b>Civics</b> : Ch-1, 2, 3, 4, 5</p> <p><b>Multiple Asst.-2 10.10.2022 to 25.11.2022</b></p> <p><b>Geography</b> : Ch-4</p>
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History : Ch-6  
 Civics : Ch-5  
 Periodic Asst.-2 23.12.2022 to 30.12.2022  
 Geography: Ch-5  
 History : Ch-8  
 Civics : Ch-7 & 8  
 Annual Exams 27.02.2023 onwards  
 Topic : Full Syllabus

### संस्कृत

प्रस्तावित पुस्तकें :

1. रुचिरा भाग-3 ( एन.सी.ई.आर.टी. )
2. आनन्दम् संस्कृत व्याकरणम् भाग-3 ( फुल मार्क्स )

Unit 1 28.03.2022 to 08.04.2022 (11)

रुचिरा : पाठ: 1 सुभाषितानि

व्याकरणम् : पाठ: 1 उच्चारण स्थानानि  
 ( वर्णज्ञानम् ) ( वर्णविन्यासः,  
 संयोगः च )

रचनात्मक लेखनम्-अपठितगद्यांशम् ।

शिक्षण प्रतिफल :

श्लोकों के माध्यम से मानव जीवन का महत्त्व बताना,  
 परिश्रम एवं गुणों के महत्त्व को समझाना, क्रोध न करते  
 हुए सत्य के आचरण पर बल देना, सुख-दुख को  
 बराबर समझना ।

क्रियाकलाप : श्लोकगायनम् ।

Unit 2 11.04.2022 to 22.04.2022 (09)

रुचिरा : पाठ: 2 विलस्यवाणी न कदापि मे  
 श्रुता ।

व्याकरणम् : पाठ: 2 सन्धि-प्रकरणम्

रचनात्मक लेखनम्-संवादलेखनम् ।

शिक्षण प्रतिफल :

बुद्धि बहुत बलशाली होती है । छात्रों को बुद्धिबल से  
 परिचित करवाया जाएगा । बुद्धि की शक्ति को  
 विकसित करना । बौधिकबल से विपत्तियाँ दूर करना ।

क्रियाकलाप : कथालेखनम् पाठाधारित ।

Unit 3 25.04.2022 to 13.05.2022 (14)

रुचिरा : पाठ: 3 डिजीभारतम् ।

व्याकरणम् : पाठ: 3 कारकाः उपपदविभक्तियच  
 रचनात्मक लेखनम्-पत्रलेखनम् ।

शिक्षण प्रतिफल :

डिजिटल इण्डिया के अंतर्गत होने वाले बदलावों से  
 अवगत करवाना तथा उन्हें अपनाने हेतु प्रोत्साहित करना

क्रियाकलाप : डिजीभारतम् अनुच्छेदलेखनम्

Unit 4 16.05.2022 to 27.05.2022 (10)

रुचिरा : पाठ: 4 सदैवपुरतो निधेहि चरणम् ।

व्याकरणम् : पाठ: 4 सर्वनाम/संज्ञा शब्दरूपाणि ।

रचनात्मक लेखनम्-चित्रवर्णनम् ।

शिक्षण प्रतिफल :

जीवन में विघ्न बाधाओं से न डरते हुए हिम्मत तथा  
 उत्साह पूर्वक लक्ष्य को प्राप्त करने का प्रयत्न ही श्रेष्ठ  
 मार्ग है ।

क्रियाकलाप : गीतगायनम् ।

Unit 5 04.07.2022 to 16.07.2022 (11)

रुचिरा : पाठ: 5 कण्टकेनैवकण्टकम्

व्याकरणम् : पाठ: 5 धातुरूपाणि

रचनात्मक लेखनम्-संस्कृत अनुवाद कार्यम् ।

शिक्षण प्रतिफल :

सठे साठ्यं समाचरेत् । आवश्यकता पड़ने पर टेढ़ी  
 अंगुली करके परिस्थितियों को अनुकूल करने के महत्त्व  
 व आवश्यकता से परिचित करवाया जाएगा ।

क्रियाकलाप : पाठाधारित अभिनयः ।

Unit 6 18.07.2022 to 30.07.2022 (11)

रुचिरा : पाठ: 6 गृहं शून्यं सुतां विना

व्याकरणम् : पाठ: 6 अव्ययाः, समयलेखनम्

रचनात्मक लेखनम्-अपठितगद्यांशम् ।

शिक्षण प्रतिफल :

बच्चे वात्सल्य के अधिकारी होते हैं । अतः उनके जीवन  
 में प्रेम का अभाव नहीं रहना चाहिए यह जानना  
 आवश्यक है ।

क्रियाकलाप : नाट्यांश लेखनम् ( पठित )

Unit 7 01.08.2022 to 20.08.2022 (13)

रुचिरा : पाठ: 7 भारतजनताऽहम् ।

व्याकरणम् : पाठ: 7 समासाः, संख्या

रचनात्मक लेखनम्-संवादलेखनम् ।

शिक्षण प्रतिफल :

भारतीयों के शौर्य, त्याग, बलिदान तथा साहस पूर्ण  
 जीवन से परिचित करवाना । भारतीयों की विश्व  
 कल्याण की भावना से परिचित करवाना ।

क्रियाकलाप : श्लोकगायनम् ।

Unit 8 22.08.2022 to 03.09.2022 (11)

रुचिरा : पाठ: 8 संसारसागरस्य नायकाः

<p>व्याकरणम् : पाठ: 8 समयलेखनम्, प्रत्ययाः, उपसर्गाः ।</p> <p>रचनात्मक लेखनम्-पत्रलेखनम् ।</p> <p>शिक्षण प्रतिफल : प्राचीन भारतीय भवन निर्माण कला एवं तालाब निर्माण करने वाले अनेक गुमनाम मनीषियों के त्याग एवं योगदान से परिचित करवाना ।</p> <p>क्रियाकलाप : घटनाक्रमनिर्माणम् ।</p> <p>Unit 9 &amp; Rev. 05.09.2022 to 17.09.2022 (11)</p> <p>रुचिरा : पाठ: 9 सप्तभगिन्यः ।</p> <p>व्याकरणम् : पाठ: 9 उपसर्गा, प्रत्ययाः । समयलेखनम् ।</p> <p>रचनात्मक लेखनम्-चित्रवर्णनम् ।</p> <p>शिक्षण प्रतिफल : भारत के पूर्वीभाग में स्थित सात छोटे-छोटे राज्यों जिन्हें हम सात बहनें कहते हैं । उनके इतिहास एवं उनके महत्त्व से परिचित करवाया जाएगा ।</p> <p>क्रियाकलाप : अभिनय ।</p> <p>Unit 10 06.10.2022 to 29.10.2022 (15)</p> <p>रुचिरा : पाठ: 10 नीतिनवनीतम् ।</p> <p>व्याकरणम् : पाठ: 10 अशुद्धिसंशोधनम् ।</p> <p>रचनात्मक लेखनम्-अपठितगद्यांशम् ।</p> <p>शिक्षण प्रतिफल : जीवन में सदाचार का महत्त्व बताया जाएगा गुरुजनों का आदर एवं बड़ों का अभिवादन करने के लाभ बताए जाएंगे ।</p> <p>क्रियाकलाप : पितरं प्रति पत्रम् ।</p>	<p>Unit 11 31.10.2022 to 11.11.2022 (10)</p> <p>रुचिरा : पाठ: 11 सावित्री बाई फुले ।</p> <p>व्याकरणम् : पाठ: 11 अव्ययाः ।</p> <p>रचनात्मक लेखनम्-अनुवादस्य अभ्यासः ।</p> <p>शिक्षण प्रतिफल : महान समाज सेविका सावित्रीबाई फुले ने स्त्री शिक्षा एवं अन्य कुरीतियों के खिलाफ निर्णायक लड़ाई लड़ी इससे प्रेरणा लेकर अन्य कुरीतियों को दूर करने की शिक्षा प्राप्त करेंगे।</p> <p>क्रियाकलाप : अनुच्छेद लेखनम्, पाठाधारितम्</p> <p>Unit 12 14.11.2022 to 25.11.2022 (11)</p> <p>रुचिरा : पाठ: 12 कः रक्षति कः रक्षितः ।</p> <p>व्याकरणम् : पाठ: धातुरुपाणि पुनरावृत्तिः, संख्या, वाच्यपरिवर्तनम्</p> <p>रचनात्मक लेखनम्-पत्रलेखनम् संकेताधारित ।</p> <p>शिक्षण प्रतिफल : स्वच्छता तथा पर्यावरण सुधार के प्रति जागरूक किया जाएगा । नदियों की स्वच्छता तथा वृक्षारोपण के प्रति जागरूक करना । प्लास्टिक के प्रयोग को हतोत्साहित करना ।</p> <p>क्रियाकलाप : पाठाधारित संवाद कथनम् अभिनयः च ।</p> <p>Unit 13 28.11.2022 to 09.12.2022 (11)</p> <p>रुचिरा : पाठ: 13 क्षितौ राजते भारत स्वर्णभूमिः ।</p> <p>व्याकरणम् : पर्यायविपर्ययः ( पुनरावृत्तिः )</p> <p>रचनात्मक लेखनम्-अनुवादस्य अभ्यासः ।</p>	<p>क्रियाकलाप : भारत के साहित्य संगीत कलानुराग से परिचित करवाना, आधुनिक मिसाइल एवं परमाणु संपन्नता के सामर्थ्य से अवगत करवाना ।</p> <p>क्रियाकलाप : पठितगद्यांश निर्माणम् ।</p> <p>Unit 14 12.12.2022 to 30.12.2022 (16)</p> <p>रुचिरा : पाठ: 14 आर्यभटः ।</p> <p>व्याकरणम् : शब्द, धातुरुपाणि पुनरावृत्तिः ।</p> <p>रचनात्मक लेखनम्-चित्रवर्णनम् ।</p> <p>शिक्षण प्रतिफल : भारतीय ज्ञान विज्ञान की सुदीर्घ परंपरा से अवगत करवाना । दशमलव पद्धति के प्रथम प्रयोक्ता आर्यभट्ट ने गणित को नई दिशा दी आकाशीय पिण्डों की गति का प्रवर्तन करने वाले प्रथम आचार्य थे बताया जाएगा ।</p> <p>क्रियाकलाप : भारतीय विज्ञानम् इति विषये वाक्यरचना ।</p> <p>Unit 15 12.01.2023 to 27.01.2023 (12)</p> <p>रुचिरा : पाठ: 15 प्रहेलिकाः ।</p> <p>व्याकरणम् : संपूर्णपाठ्यक्रम की पुनरावृत्ति ।</p> <p>रचनात्मक लेखनम्-संपूर्ण रचनात्मककार्यस्य पुनरावृत्ति ।</p> <p>शिक्षण प्रतिफल : पहेलियों के द्वारा आनन्द के साथ-साथ समझ-बूझ व हमारी मानसिक व बौद्धिक प्रक्रिया को तीव्रतर बनाना सिखाया जाएगा ।</p> <p>क्रियाकलाप : प्रहेलिका कथनम्, अर्थसहितम् ।</p>
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<p><b>Unit 16</b> 30.01.2023 to 10.02.2023 (11)  <b>रुचिरा</b> : ( संपूर्ण ) पुनरावृत्ति ।  <b>व्याकरणम्</b> : अभ्यासप्रश्नपत्र-1  <b>रचनात्मक लेखनम्-संपूर्ण रचनात्मककार्यस्य</b>  <b>पुनरावृत्ति ।</b>  <b>शिक्षण प्रतिफल</b> : प्रश्नपत्र के स्वरूप से परिचित  <b>करवाया जाएगा ।</b>  <b>क्रियाकलाप</b> : अभ्यास प्रश्नपत्र निर्माणम् ।  <b>Unit 17 &amp; Rev.</b> 13.02.2023 to 24.02.2023 (11)  <b>विषय</b> : संपूर्णपाठ्यक्रमस्य पुनरावृत्ति ।  <b>ASSESSMENT SCHEDULE :</b>  <b>Multiple Asst.-1</b> 28.03.2022 to 20.05.2022  <b>रुचिरा</b> : पाठ 1, 2 शुभाषितानि,  <b>बिलस्यवाणी न कदापि मे श्रुता ।</b>  <b>व्याकरणम्</b> : पाठ-1 वर्ण ज्ञानम्,  <b>पाठ-2 संधि,</b>  <b>पाठ कारक उपपदविभक्ति:</b>  <b>रचनात्मक लेखनम्-पत्रलेखनम्, संवादा: ।</b>  <b>Periodic Asst.-1</b> 25.07.2022 to 30.07.2022  <b>रुचिरा</b> : पाठ: 3, 4 डिजिभारतम्,  <b>सदैव पुरतोनिधोहिचरणम् ।</b>  <b>व्याकरणम्</b> : पाठ: 4 शब्दरूपाणि, पाठ धातुरूपाणि,  <b>पाठ 6 कारक/उपपदविभक्ति:,</b>  <b>रचनात्मक लेखनम्-अनुवाद:, चित्रवर्णनम् च ।</b>  <b>Half Yearly Exams</b> 19.09.2022 to 01.10.2022  <b>खण्ड क-</b> अपठित अवबोधनम्,  <b>खण्ड ख-</b> पत्र लेखनम्, संवाद लेखनम्,</p>	<p>चित्रधारितं वर्णनम्, हिन्दीतः संस्कृते  <b>अनुवाद: ।</b>  <b>खण्ड ग-</b> वर्णविचारः, स्वर व्यंजन संधि,  <b>शब्दरूपाणि, संख्यालेखनम्,</b>  <b>धातुरूपाणि अव्ययाः, समयलेखनम्,</b>  <b>कारका: उपपदविभक्तिश्च, समासा:</b>  <b>खण्ड घ-</b> पठित अवबोधनम् ( गद्यांश, पद्यांश,  <b>नाट्यांश: ), प्रश्ननिर्माणम्, घटनाक्रम,</b>  <b>शब्दार्थ मेलनम् । पाठ: एकत: अष्टम्</b>  <b>पर्यन्तम् । ( करवायागया संपूर्णव्याकरण</b>  <b>परीक्षा में आएगा )</b>  <b>Multiple Asst.-2</b> 10.10.2022 to 25.11.2022  <b>रुचिरा</b> : पाठ 9, 10 सप्तभगिन्यः, नीतिनवनीतम्  <b>व्याकरणम्</b> : पाठ उपसर्गाः, प्रत्ययाः समयलेखनम्,  <b>अशुद्धिसंशोधनम् ।</b>  <b>रचनात्मकलंखनम्-पत्रलेखनम्, चित्रवर्णनम्, अनुवाद:</b>  <b>Periodic Asst.-2</b> 23.12.2022 to 30.12.2022  <b>रुचिरा</b> : पाठ 11, 12 सावित्री बाई फुले,  <b>क: रक्षति क: रक्षित: ।</b>  <b>व्याकरणम्</b> : पाठ अव्यया, संख्या, वाच्यपरिवर्तनम्  <b>धातुरूपाणि ।</b>  <b>रचनात्मकलंखनम्-अपठितगद्यांश:, संवादा:</b>  <b>Annual Exams</b> 27.02.2023 onwards  <b>खण्ड क-</b> अपठित अवबोधनम्,  <b>खण्ड ख-</b> पत्र लेखनम्, संवाद लेखनम्,  <b>चित्रधारितं वर्णनम्, अनुवादकार्य ।</b></p>	<p><b>खण्ड ग-</b> वर्णविचारः, स्वर व्यंजन संधि,  <b>कारकाः, उपपदविभक्तिश्च, समासाः,</b>  <b>उपसर्गाः, शब्दरूपाणि, संख्यालेखनम्,</b>  <b>समयलेखनम्, धातुरूपाणि, अशुद्धि</b>  <b>संशोधनम्, अव्ययाः, प्रत्ययाः ।</b>  <b>खण्ड घ-</b> पठित अवबोधनम् ( गद्यांश, पद्यांश,  <b>नाट्यांश: ), प्रश्ननिर्माणम्, घटनाक्रम,</b>  <b>शब्दार्थ मेलनम् । पाठ: एकत:</b>  <b>पञ्चदश पर्यन्तम् । ( करवाया गया</b>  <b>संपूर्णव्याकरण परीक्षा में आएगा )</b></p> <div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px 0;"> <b>COMPUTER SCIENCE</b> </div> <p><b>Prescribed Book : Cyer Tools</b>  <b>Publication : KIPS</b>  <b>Learning Objectives :</b>  <b>The computer curriculum for each standard is</b>  <b>broadly divided into three groups :</b></p> <ul style="list-style-type: none"> <li>❖ <b>Concepts</b> : Learning computer science concepts that are generally useful in many areas as well as some concepts that are specific to computer usage/functioning.</li> <li>❖ <b>Usage Skills</b> : Developing hands-on skill in the use of various hardware / software and programming packages / languages.</li> <li>❖ <b>Social Aspects</b> : Understanding ethical and security related issues of computer and Internet usage.</li> </ul> <p>The emphasis is on understanding the concepts behind various computer-based activities, rather than just the usage skills of specific tools. It is hoped that such a concept</p>
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oriented approach will equip the children to be self-learners and enable them to cope with the inevitable advent of new tools and technologies of the future.

The design approach of this curriculum is to keep the primary section as elementary as possible, have a slight ramp up during middle school and further ramp up in secondary section to meet the syllabus prescribed for the Board exams.

**Unit 1 28.03.2022 to 08.04.2022 (11)**

**Topic** : Lesson-1 Networking Concepts

**Activity/Art Integration** : To learn about networking, components, types, architecture, topologies and networks security.

**Unit 2 11.04.2022 to 22.04.2022 (09)**

**Topic** : Lesson-2 Log on to Access

**Activity/Art Integration** : To learn about Database, its concepts, components, creating database, data types, primary key

**Unit 3 25.04.2022 to 13.05.2022 (14)**

**Topic** : Lesson-2 Log on to Access (cont.)

**Activity/Art Integration** : To editing a table, sorting/filtering, searching of data by using MS ACCESS.

**Unit 4 16.05.2022 to 27.05.2022 (10)**

**Topic** : Lesson-3 Working with Queries. Forms and Reports

**Activity/Art Integration** : To learn about creating Form, Queries

**Unit 5 04.07.2022 to 16.07.2022 (11)**

**Topic** : Lesson-3 Working with Queries, Forms and Reports (cont.)

**Activity/Art Integration** : Reports using MS ACCESS.

**Unit 6 18.07.2022 to 30.07.2022 (11)**

**Topic** : Lesson-4 Adobe Photoshop CS6

**Activity/Art Integration** : To learn about photo

editing software-Photoshop-tools of Photoshop-painting tools.

**Unit 7 01.08.2022 to 20.08.2022 (13)**

**Topic** : Lesson-4 Adobe Photoshop CS6

**Activity/Art Integration** : Drawing and type, navigation tools, crop tool, selection tools, concept of layers

**Unit 8 22.08.2022 to 03.09.2022 (11)**

**Topic** : Lesson-5 More on Photoshop CS6

**Activity/Art Integration** : Navigation Tools

**Unit 9 & Rev. 05.09.2022 to 17.09.2022 (11)**

**Topic** : Lesson-6 Review Python

**Activity/Art Integration** : Data types, Type (), Input (), Operators in Python

**Unit 10 06.10.2022 to 29.10.2022 (15)**

**Topic** : Lesson-7 Iterative Statements in Python

**Activity/Art Integration** : For loop While loop

**Unit 11 31.10.2022 to 11.11.2022 (10)**

**Topic** : Lesson-7 Iterative Statements in Python

**Activity/Art Integration** : Infinite Loop Loop Else

**Unit 12 14.11.2022 to 25.11.2022 (11)**

**Topic** : Lesson-8 Using List and Table in HTML

**Activity/Art Integration** : To learn about list tags and table tags, inserting images, linking web pages

**Unit 13 28.11.2022 to 09.12.2022 (11)**

**Topic** : Lesson-8 Using List and Table in HTML

**Activity/Art Integration** : To learn about list tags and table tags, inserting images, linking web pages

**Unit 14 12.12.2022 to 30.12.2022 (16)**

**Topic** : Lesson-9 Images, links and frames in HTML

**Activity/Art Integration** : Audio and video linking, frames & borders in HTML.

**Unit 15 12.01.2023 to 27.01.2023 (12)**

**Topic** : Lesson-10 Images, links and frames in HTML

**Activity/Art Integration** : Audio and video linking, frames & borders in HTML.

**Unit 16 30.01.2023 to 10.02.2023 (11)**

**Topic** : Lesson-11 App Development

**Activity/Art Integration** :

Developing your own app

**Unit 17 & Rev. 13.02.2023 to 24.02.2023 (11)**

**Topic** : Lesson-11 App Development

**Activity/Art Integration** :

Developing your own app

## GENERAL KNOWLEDGE

**Prescribed Book : New General Knowledge Update (Publisher : Cordova Publications)**

**Learning Objectives :**

- ◆ To develop the personality of learners.
- ◆ To make students aware.
- ◆ Harmonious development of child's personality.
- ◆ To sensitize students to the need for values and moral
- ◆ To develop creativity and thinking skill of child.

**Unit 1 28.03.2022 to 08.04.2022 (11)**

**Topics** : Ch-1 Amazing Railway stations of India

Ch-2 Innovative schools

**Learning Outcome** : To know about different Railway stations of India and the famous innovative schools in the World.

**Art Integrataion** : Pictorial description of different Railway Stations of India.

<p><b>Unit 2</b>      <b>11.04.2022 to 22.04.2022</b>      <b>(09)</b>  <b>Topics</b>      : Ch-3 Tracking for beginners                      Ch-4 Artists remembered forever  <b>Learning Outcome</b> : Knowing about the tracking sports for the beginners where natural beauty can be explored and Recalling the artist who became famous for their unique works.  <b>Art Integration</b> : Collage making of famous artists of the world.</p> <p><b>Unit 3</b>      <b>25.04.2022 to 13.05.2022</b>      <b>(14)</b>  <b>Topics</b>      : Ch-5 World's best shopping streets                      Ch-6 Legacy of Mahatma Gandhi  <b>Learning Outcome</b> : To know about the famous shopping streets and popular stores and the places where the statue about our beloved father of the nation are located.  <b>Art Integration</b> : Collection and cutting of articles related to Pathbreaking ideas and action of Mahatma Gandhi</p> <p><b>Unit 4</b>      <b>16.05.2022 to 27.05.2022</b>      <b>(10)</b>  <b>Topics</b>      : Ch-7 Elon Musk                      Ch-8 ISOS                      Ch-9 Inspirational childhood of sportpersons  <b>Learning Outcome</b> : To discuss about the most successful and famous personality of the 21st century and do you know about the very important elements of geography along with some inspirational stories of some sports person.  <b>Art Integration</b> : Newspaper, magazine cutting related to such inspirational stories of sportperson</p> <p><b>Unit 5</b>      <b>04.07.2022 to 16.07.2022</b>      <b>(11)</b>  <b>Topics</b>      : Ch-10 Women freedom fighters of India                      Ch-11 Famous Inventions                      Ch-12 Alphaet Sharp  <b>Learning Outcome</b> : Know about the women freedom fighters who contributed a lot to make the</p>	<p>Indian freedom struggle successful and about the famous inventions of the inventors.  <b>Art Integration</b> : Making flowcharts of famous inventions of some famous inventors.</p> <p><b>Unit 6</b>      <b>18.07.2022 to 30.07.2022</b>      <b>(11)</b>  <b>Topics</b>      : Ch-13 Habits of successful people                      Ch-14 Famous Literally works  <b>Learning Outcome</b> : To know about the world famous authors and their literary work.  <b>Art Integration</b> : Collect successful quotes of great personality related to habits.</p> <p><b>Unit 7</b>      <b>01.08.2022 to 20.08.2022</b>      <b>(13)</b>  <b>Topics</b>      : Ch-15 Human made Island                      Ch-16 Famous Female Scientists                      Ch-17 World's most amazing natural phenomena  <b>Learning Outcome</b> : To know about the female scientists who became world famous for their remarkable contribution towards the society.  <b>Art Integration</b> : Collage of some famous scientist of India</p> <p><b>Unit 8</b>      <b>22.08.2022 to 03.09.2022</b>      <b>(11)</b>  <b>Topics</b>      : Ch-18 Forts of India                      Ch-19 Endangered trees                      Ch-20 Immortal quotes  <b>Learning Outcome</b> : To know about our historical important buildings which includes palaces trade treasury.  <b>Art Integration</b> : Mind maps of important Immortal quotes</p> <p><b>Unit 9 &amp; Rev.</b> <b>05.09.2022 to 17.09.2022</b>      <b>(11)</b>  <b>Topics</b>      : Ch-21 Explorer of the Millennium                      Ch-22 Weird buildings                      Ch-23 Motivational movies  <b>Learning Outcome</b> : To know the movies which motivate us to face challenges and about some magnificent buildings and their marvelous architecture.</p>	<p><b>Art Integration</b> : Collect picture cuttings of some motivational movies and make a collage out of it.</p> <p><b>Unit 10</b>      <b>06.10.2022 to 29.10.2022</b>      <b>(15)</b>  <b>Topics</b>      : Ch-24 Heliotherapy—The sunlight Therapy                      Ch-25 Unique Animals                      Ch-26 Laughter Therapy                      Ch-27 Major ports in India  <b>Learning Outcome</b> : To know about the sunlight therapy which prevents many serious diseases  <b>Art Integration</b> : Representing in the map of India the different major ports.</p> <p><b>Unit 11</b>      <b>31.10.2022 to 11.11.2022</b>      <b>(10)</b>  <b>Topics</b>      : Ch-28 Geographical Wonders                      Ch-29 Fates of the 1857 revolutionaries                      Ch-30 Cyber Crime  <b>Learning Outcome</b> : To know about our planet and about the criminal activities which are done through cyber crime  <b>Art Integration</b> : Collection of newspaper article cuttings related to cyber crimes in the recent time.</p> <p><b>Unit 12</b>      <b>14.11.2022 to 25.11.2022</b>      <b>(11)</b>  <b>Topics</b>      : Ch-31 New Wonders of the World                      Ch-32 Career Avenues                      Ch-33 Special and Successful  <b>Learning Outcome</b> : To know about the seven wonders of the world  <b>Art Integration</b> : Collage making the famous personalities despite of their disabilities</p> <p><b>Unit 13</b>      <b>28.11.2022 to 09.12.2022</b>      <b>(11)</b>  <b>Topics</b>      : Ch-34 Incredible Laboratories on the Earth                      Ch-35 Money can't buy everything                      Ch-36 Did it happen ?  <b>Learning Outcome</b> : To know about the laboratories which are used to explore the world and to discover new things.</p>
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**Art Integration** : Flowcharts of some famous incredible laboratories where many inventions and works were done.

**Unit 14 12.12.2022 to 30.12.2022 (16)**

**Topics** : Ch-37 Action Reaction  
Ch-38 Medicology  
Ch-39 Inventions of the 21st century  
Ch-40 Dance forms of the world

**Learning Outcome** : To know the different oldest forms of dance and about search of new drugs effective treatments and more advanced technologies

**Art Integration** : Posters making on some value education showing action-reaction.

**Unit 15 12.01.2023 to 27.01.2023 (12)**

**Topics** : Ch-41 Great buildings  
Ch-42 Water saviours of India  
Ch-43 Acid Rain

**Learning Outcome** : To know the designed buildings around the world and about some prominent water saviours of India.

**Art Integration** : Flow charts of some water savers of India.

**Unit 16 30.01.2023 to 10.02.2023 (11)**

**Topics** : Ch-44 World's engineering marvels  
Ch-45 Free fitness mobile apps  
Ch-46 Think sharp

**Learning Outcome** : To understand and complete the problem solving reasonings and no about the famous engineering marvels around the world.

**Art Integration** : Make a chart including the picture and details about the world famous engineering marvels.

**Unit 17 & Rev. 13.02.2023 to 24.02.2023 (11)**

**Topics** : Revision

## ART & CRAFT

### Learning Objectives :

- ◆ To help students to understand the arrangement of elements in a way that appeals to the senses.
- ◆ To develop the skills of art with the intention of stimulating thoughts and emotions.
- ◆ To develop the creativity and creative ability in students.
- ◆ To learn the best use of waste material to make something new.
- ◆ To make children independent in creating their own style and skills.

**Unit 1 28.03.2022 to 08.04.2022 (11)**

**Topic** : Basic Elements of Drawing

**Unit 2 11.04.2022 to 22.04.2022 (09)**

**Topic** : Shape & Form

**Unit 3 25.04.2022 to 13.05.2022 (14)**

**Topic** : Use of Space

**Unit 4 16.05.2022 to 27.05.2022 (10)**

**Topic** : Perspective

**Unit 5 04.07.2022 to 16.07.2022 (11)**

**Topic** : Human Figure Sketching

**Unit 6 18.07.2022 to 30.07.2022 (11)**

**Topic** : Poster

**Unit 7 01.08.2022 to 20.08.2022 (13)**

**Topic** : Composition (Market Scene)

**Unit 8 22.08.2022 to 03.09.2022 (11)**

**Topic** : Composition

**Unit 9 & Rev. 05.09.2022 to 17.09.2022 (11)**

**Topic** : Composition Abstract

**Unit 10 06.10.2022 to 29.10.2022 (15)**

**Topic** : Poster

**Unit 11 31.10.2022 to 11.11.2022 (10)**

**Topic** : Object Drawing two or three objects

## MUSIC

**Unit 12 14.11.2022 to 25.11.2022 (11)**

**Topic** : Design in colour

**Unit 13 28.11.2022 to 09.12.2022 (11)**

**Topic** : Technique painting

**Unit 14 12.12.2022 to 30.12.2022 (16)**

**Topic** : Technique painting

**Unit 15 12.01.2023 to 27.01.2023 (12)**

**Topic** : Sketching

**Unit 16 30.01.2023 to 10.02.2023 (11)**

**Topic** : Sketching

**Unit 17 & Rev. 13.02.2023 to 24.02.2023 (11)**

**Topic** : Sketching

**Unit 1 28.03.2022 to 08.04.2022 (11)**

**Topic** : Practice & Definition of Swar & Saptak

**Unit 2 11.04.2022 to 22.04.2022 (09)**

**Topic** : Invocation Song p-1

**Unit 3 25.04.2022 to 13.05.2022 (14)**

**Topic** : Invocation Song p-2

**Unit 4 16.05.2022 to 27.05.2022 (10)**

**Topic** : Knowledge of Tal-Dadra, Keharwa

**Unit 5 04.07.2022 to 16.07.2022 (11)**

**Topic** : One Folk Song

**Unit 6 18.07.2022 to 30.07.2022 (11)**

**Topic** : Semi Classical P-1

**Unit 7 01.08.2022 to 20.08.2022 (13)**

**Topic** : Patriotic Song (P-1)

**Unit 8 22.08.2022 to 03.09.2022 (11)**

**Topic** : Patriotic Song (P-2)

**Unit 9 & Rev. 05.09.2022 to 17.09.2022 (11)**

**Topic** : Semi Classical P-2

**Unit 10 06.10.2022 to 29.10.2022 (15)**

**Topic** : One Raga-Introduction  
Aaroh, Avroh & Pakad

<b>Unit 11</b>	<b>31.10.2022 to 11.11.2022</b>	<b>(10)</b>
<b>Topic</b>	: Raga Bandish	
<b>Unit 12</b>	<b>14.11.2022 to 25.11.2022</b>	<b>(11)</b>
<b>Topic</b>	: One Devotional Song	
<b>Unit 13</b>	<b>28.11.2022 to 09.12.2022</b>	<b>(11)</b>
<b>Topic</b>	: Christmas Carol (P-1)	
<b>Unit 14</b>	<b>12.12.2022 to 30.12.2022</b>	<b>(16)</b>
<b>Topic</b>	: Christmas Carol (P-1)	
<b>Unit 15</b>	<b>12.01.2023 to 27.01.2023</b>	<b>(12)</b>
<b>Topic</b>	: Patriotic Song	
<b>Unit 16</b>	<b>30.01.2023 to 10.02.2023</b>	<b>(11)</b>
<b>Topic</b>	: Motivational Song P-1	
<b>Unit 17 &amp; Rev.</b>	<b>13.02.2023 to 24.02.2023</b>	<b>(11)</b>
<b>Topic</b>	: Motivational Song P-2	

## DANCE

### Prescribed Book :

<b>Unit 1</b>	<b>28.03.2022 to 08.04.2022</b>	<b>(11)</b>
<b>Topic</b>	: Kathak Teentaal (Tatkar, Knowledge of Rhythm)	
<b>Unit 2</b>	<b>11.04.2022 to 22.04.2022</b>	<b>(09)</b>
<b>Topic</b>	: Kathak Teentaal (Tatkar, Tihai, Salami)	
<b>Unit 3</b>	<b>25.04.2022 to 13.05.2022</b>	<b>(14)</b>
<b>Topic</b>	: Teentaal (Toda, Tukda, and Previous)	
<b>Unit 4</b>	<b>16.05.2022 to 27.05.2022</b>	<b>(10)</b>
<b>Topic</b>	: Teentaal (Salami, Amad and Previous)	
<b>Unit 5</b>	<b>04.07.2022 to 16.07.2022</b>	<b>(11)</b>
<b>Topic</b>	: Basic steps of Punjab folk dances Bhangara, Gidda	
<b>Unit 6</b>	<b>18.07.2022 to 30.07.2022</b>	<b>(11)</b>
<b>Topic</b>	: Practice with Music Bhangara, Gidda	

<b>Unit 7</b>	<b>01.08.2022 to 20.08.2022</b>	<b>(13)</b>
<b>Topic</b>	: Dance on Patriotic song	
<b>Unit 8</b>	<b>22.08.2022 to 03.09.2022</b>	<b>(11)</b>
<b>Topic</b>	: Notation writing of teental (Thah, Dugun, Chaugun, Toda)	
<b>Unit 9 &amp; Rev.</b>	<b>05.09.2022 to 17.09.2022</b>	<b>(11)</b>
<b>Topic</b>	: Definition and short explanation: Nritta, Nritya, Natya, Tandava, Lasya, Anga,	
<b>Unit 10</b>	<b>06.10.2022 to 29.10.2022</b>	<b>(15)</b>
<b>Topic</b>	: Jazz and Contemporary Basic steps	
<b>Unit 11</b>	<b>31.10.2022 to 11.11.2022</b>	<b>(10)</b>
<b>Topic</b>	: Practice with Music Jazz and Contemporary	
<b>Unit 12</b>	<b>14.11.2022 to 25.11.2022</b>	<b>(11)</b>
<b>Topic</b>	: Contemporary dance with music 1 <sup>st</sup> half	
<b>Unit 13</b>	<b>28.11.2022 to 09.12.2022</b>	<b>(11)</b>
<b>Topic</b>	: Contemporary dance with music 2 <sup>nd</sup> half	
<b>Unit 14</b>	<b>12.12.2022 to 30.12.2022</b>	<b>(16)</b>
<b>Topic</b>	: Group Choreography on social problems	
<b>Unit 15</b>	<b>12.01.2023 to 27.01.2023</b>	<b>(12)</b>
<b>Topic</b>	: Hariyanvi folk dance practice with Music	
<b>Unit 16</b>	<b>30.01.2023 to 10.02.2023</b>	<b>(11)</b>
<b>Topic</b>	: Group Choreography on social problems	
<b>Unit 17 &amp; Rev.</b>	<b>13.02.2023 to 24.02.2023</b>	<b>(11)</b>
<b>Topic</b>	: Practice of previous dances	

## PHYSICAL EDUCATION

### Prescribed Book :

<b>Unit 1</b>	<b>28.03.2022 to 08.04.2022</b>	<b>(11)</b>
<b>Topic</b>	: Introduction to physical education,	

			Warming up, Jogging, Walking, Jumping, Free movement Exercise, Commands
<b>Unit 2</b>	<b>11.04.2022 to 22.04.2022</b>	<b>(09)</b>	
<b>Topic</b>	: Introduction of games, Fundamental skills-Cricket, Kabaddi and Lawn Tennis		
<b>Unit 3</b>	<b>25.04.2022 to 13.05.2022</b>	<b>(14)</b>	
<b>Topic</b>	: Shuttle run, Marching, Long jump and Badminton		
<b>Unit 4</b>	<b>16.05.2022 to 27.05.2022</b>	<b>(10)</b>	
<b>Topic</b>	: Physical fitness assessment, Body composition (BMI), Strength, Flexibility, Speed and Endurance		
<b>Unit 5</b>	<b>04.07.2022 to 16.07.2022</b>	<b>(11)</b>	
<b>Topic</b>	: Introduction of games, Basic skills-Football, Basketball and Kho-Kho		
<b>Unit 6</b>	<b>18.07.2022 to 30.07.2022</b>	<b>(11)</b>	
<b>Topic</b>	: Commands-Left turn, Right turn, About turn, Track event		
<b>Unit 7</b>	<b>01.08.2022 to 20.08.2022</b>	<b>(13)</b>	
<b>Topic</b>	: Introduction of games, Fundamental skills-Cricket, Kabaddi and Lawn Tennis		
<b>Unit 8</b>	<b>22.08.2022 to 03.09.2022</b>	<b>(11)</b>	
<b>Topic</b>	: Shuttle run, Marching, Long jump and Badminton		
<b>Unit 9 &amp; Rev.</b>	<b>05.09.2022 to 17.09.2022</b>	<b>(11)</b>	
<b>Topic</b>	: Physical fitness assessment test continuous		
<b>Unit 10</b>	<b>06.10.2022 to 29.10.2022</b>	<b>(15)</b>	
<b>Topic</b>	: Basic Skills-Football, Basketball, Badminton, Cricket		
<b>Unit 11</b>	<b>31.10.2022 to 11.11.2022</b>	<b>(10)</b>	
<b>Topic</b>	: Minor game, High jump, Ball throw		
<b>Unit 12</b>	<b>14.11.2022 to 25.11.2022</b>	<b>(11)</b>	
<b>Topic</b>	: Inter class practice match		

<b>Unit 13</b>	<b>28.11.2022 to 09.12.2022</b>	<b>(11)</b>
<b>Topic</b>	: Inter section matches and selection for Inter school	
<b>Unit 14</b>	<b>12.12.2022 to 30.12.2022</b>	<b>(16)</b>
<b>Topic</b>	: Athletics, Track event, Field event	
<b>Unit 15</b>	<b>12.01.2023 to 27.01.2023</b>	<b>(12)</b>
<b>Topic</b>	: Short distance race, Volleyball	
<b>Unit 16</b>	<b>30.01.2023 to 10.02.2023</b>	<b>(11)</b>
<b>Topic</b>	: Physical fitness assessment test	
<b>Unit 17 &amp; Rev.</b>	<b>13.02.2023 to 24.02.2023</b>	<b>(11)</b>
<b>Topic</b>	: Physical fitness assessment test	

## VALUE EDUCATION

**Prescribed Book : You Must Know**

**Publisher : Cordova Publication**

**Learning Objectives :**

- ◆ To develop the personality of learners.
- ◆ To make students aware.
- ◆ Harmonious development of child's personality.
- ◆ To sensitize students to the need for values and moral
- ◆ To develop creativity and thinking skill of child.

**Unit 1**      **28.03.2022 to 08.04.2022**      **(11)**

**Content**    : Health and hygiene

**Learning Outcomes** : Comprehend concepts related to health promotion and disease prevention to enhance health.

**Art Integration** : Talk on Balanced Diet

**Competency based Learning** : Explain the importance of balanced diet

**Unit 2**      **11.04.2022 to 22.04.2022**      **(09)**

**Content**    : Environment

**Learning Outcomes** : Understand the importance of conserving our natural resources

**Art Integration** : Poster on Ecofriendly alternative for plastics

**Competency based Learning** : Chalk out harmful effects of single use plastic

**Unit 3**      **25.04.2022 to 13.05.2022**      **(14)**

**Content**    : Gratitude

**Learning Outcomes** : Students will be able to develop positive relationship

**Art Integration** : Card on Mother's Day

**Competency based Learning** : Poem Writing

**Unit 4**      **16.05.2022 to 27.05.2022**      **(10)**

**Content**    : Unity in Diversity

**Learning Outcomes** : Understand the diversity in our country

**Art Integration** : Poster on Unity in Diversity

**Competency based Learning** : Collage Making

**Unit 5**      **04.07.2022 to 16.07.2022**      **(11)**

**Content**    : Understanding

**Learning Outcomes** : To know the value of understanding each other

**Art Integration** : Write a write-up on your est friend

**Competency based Learning** : You tube video

**Unit 6**      **18.07.2022 to 30.07.2022**      **(11)**

**Content**    : Tolerance

**Learning Outcomes** : Discuss the importance of tolerance

**Art Integration** : Drawing of different emoji

**Competency based Learning** : Story Telling

**Unit 7**      **01.08.2022 to 20.08.2022**      **(13)**

**Content**    : Helping others

**Learning Outcomes** : Identify and practice various ways of helping others.

**Art Integration** : Think of any two people from your surrounding and imagine the ways by which you can help them

**Competency based Learning** : Bookmark on helping others

**Unit 8**      **22.08.2022 to 03.09.2022**      **(11)**

**Content**    : Friendship

**Learning Outcomes** : Understand the value of friend

**Art Integration** : Making of friendship cards

**Competency based Learning** : Write good qualities of your friends.

**Unit 9 & Rev.** **05.09.2022 to 17.09.2022**      **(11)**

**Content**    : Sincerity

**Learning Outcomes** : Learn to critically analyze the sincere-false conducts

**Art Integration** : Make a list of sincere works done y you

**Competency based Learning** : Speak few sentences on our duty towards parents.

**Unit 10**     **06.10.2022 to 29.10.2022**      **(15)**

**Content**    : Team work

**Learning Outcomes** : Learn to work in team

**Art Integration** : Make a poster showing team work

**Competency based Learning** : Rearrange the jumble story in pair.

**Unit 11**     **31.10.2022 to 11.11.2022**      **(10)**

**Content**    : Responsibility

**Learning Outcomes** : To understand the Responsibility.

**Art Integration** : Write 5 things you do at school in the class room to show your responsibilities

**Competency based Learning** : Declamation- your role model

**Unit 12**     **14.11.2022 to 25.11.2022**      **(11)**

**Content**    : Self-Reliance

**Learning Outcomes** : To know the value of self -Reliance

**Art Integration** : Buying grocery from near by store

**Competency based Learning** : Plant a sapling and explain

**Unit 13**     **28.11.2022 to 09.12.2022**      **(11)**

**Content**    : Respect

**Learning Outcomes** : Learn to respect animals and human being

**Art Integration** : Make a poster showing respect for animals

**Competency based Learning** : Make a list of people you think are respectful and explain your reason

**Unit 14** 12.12.2022 to 30.12.2022 (16)

**Content** : Punctuality

**Learning Outcomes** : Learn to be punctual

**Art Integration** : Story writing

**Competency based Learning** : Make a report on your regularity in school

**Unit 15** 12.01.2023 to 27.01.2023 (12)

**Content** : Truthfulness

**Learning Outcomes** : To know the value of Truth

**Art Integration** : Tell your experience about speaking truth

**Competency based Learning** : You tube video

**Unit 16** 30.01.2023 to 10.02.2023 (11)

**Content** : Positive Attitude

**Learning Outcomes** : Learn to be positive in every situation

**Art Integration** : Slogan writing on positive attitude

**Competency based Learning** : Write attitude in vertically and explain each word

**Unit 17 & Rev.** 13.02.2023 to 24.02.2023 (11)

**Content** : Courtesy

**Learning Outcomes** : Learn to show courtesy

**Art Integration** : Talk with personal example on courtesy

**Competency based Learning** : Word grid on social etiquette

## LIFE SKILLS

**Prescribed Book :**

**Unit 1** 28.03.2022 to 08.04.2022 (11)

**Theory** : Section 1: Exploring Life Skills  
An Introduction to Life Skills  
1.1 (Class Discussions)

**Unit 2** 11.04.2022 to 22.04.2022 (09)

**Practical** : Activity: Conducting a personal SWOT analysis.

**Theory** : An Introduction to Life Skills  
1.2 My strengths

**Unit 3** 25.04.2022 to 13.05.2022 (14)

**Practical** : Activity: Problem solving through riddles.

**Theory** : Section 2: Internalizing Life skills  
2.1 Creative thinking

**Unit 4** 16.05.2022 to 27.05.2022 (10)

**Practical** : Activity: Stress Game

**Theory** : Coping with stress (Contd.)

**Unit 5** 04.07.2022 to 16.07.2022 (11)

**Practical** : Activity: The relaxation procedure

**Theory** : Coping with stress (Contd.)  
Problem Solving

**Unit 6** 18.07.2022 to 30.07.2022 (11)

**Practical** : Activity: How stress affects my life

**Theory** : Coping with stress (Contd.)

**Unit 7** 01.08.2022 to 20.08.2022 (13)

**Practical** : Activity: What would I do when "..."  
**Theory** : Empathy: Understanding Other people's perspective

**Unit 8** 22.08.2022 to 03.09.2022 (11)

**Practical** : Activity: Choosing to help others & Worksheet

**Theory** : Empathy: Understanding Other people's perspective

**Unit 9 & Rev.** 05.09.2022 to 17.09.2022 (11)

**Practical** : Activity: Talking about broken bonds

**Theory** : Empathy: Understanding Other people's perspective

**Unit 10** 06.10.2022 to 29.10.2022 (15)

**Practical** : Activity: Making informed decisions

**Theory** : Decision making: Class Discussion on process of Decision-Making

**Unit 11** 31.10.2022 to 11.11.2022 (10)

**Practical** : Activity: Practicing making decisions through situation analysis

**Theory** : Decision making: Class Discussion on process of Decision-Making

**Unit 12** 14.11.2022 to 25.11.2022 (11)

**Practical** : Activity: Knowing each other. Two truths and a lie.

**Theory** : Interpersonal Relationships

**Unit 13** 28.11.2022 to 09.12.2022 (11)

**Practical** : Activity: Conflict Handling by developing subordinate goals

**Theory** : Interpersonal Relationships (Contd.)

**Unit 14** 12.12.2022 to 30.12.2022 (16)

**Theory** : Problems Solving  
Class discussion of how we try solve problems

**Unit 15** 12.01.2023 to 27.01.2023 (12)

**Practical** : Activity: I can

**Theory** : Problems Solving: Barriers to problems solving

**Unit 16** 30.01.2023 to 10.02.2023 (11)

**Practical** : Activity: The Six Thinking hats

**Theory** : Problems Solving: Barriers to problems solving

**Unit 17 & Rev.** 13.02.2023 to 24.02.2023 (11)

**Theory** : Time Management and Study tips