

## CURRICULUM 2022-23

### SUBJECT- ENGLISH

### CLASS - 8

#### GENERAL OBJECTIVES:

1. To acquire proficiency in the four linguistic skills, i.e. listening, speaking, reading and writing.
2. To use grammatical forms accurately and appropriately.
3. To communicate in global language fluently, appropriately and confidently in real life situations.
4. To listen, understand and extract information from any broadcast, conversation etc.
5. To respond to any instruction, advice and request in familiar and unfamiliar situations.
6. To converse with accuracy and proper intonation.
7. To enhance vocabulary.
8. To frame sentences and questions correctly.
9. To narrate incidents and events and present oral as well as written reports.
10. To express and respond to personal feelings, opinions and attitudes.
11. To read for thematic understanding and think critically.
12. To analyse, interpret and evaluate the ideas in a text and draw inferences.
13. To read extensively for pleasure.
14. To express ideas clearly, concisely, correctly and appropriately.
15. To plan, organize and present ideas coherently by introducing, developing and concluding in the form of article, speech, letter, message, notice, e-mail etc.
16. To understand, interpret and evaluate a character in a literary text.
17. To understand and appreciate the poetry and understand the literary devices.
18. To draw and make posters, cards, placards advertisements.
19. To form and understand quotations.
20. To read silently as well as aloud at varying speed and to distinguish main ideas from the supporting details.
21. To expand notes into a piece of writing.
22. To take an active part in group discussion, showing an ability to express agreement or disagreement.
23. To summarise to elicit the views of others and to present own ideas.

**MONTH – APRIL**

**NO. OF WORKING DAYS – 22**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	L-1THREE QUESTIONS	<ol style="list-style-type: none"><li>1. Reading</li><li>2. Explanation</li><li>3. Discussion</li><li>4. Activities</li><li>5. Interaction</li><li>6. Word-meaning</li></ol>	<p>The learners will be able to-</p> <ol style="list-style-type: none"><li>i- appreciate the human values like forgiveness and kindness</li><li>ii- critically appreciate different characters</li><li>iii-learn the value of present moment in the life</li><li>iv- understand the importance of time, deed and an individual</li><li>vi- understand the purpose of getting into this life</li></ol> <p>The learners will be able to-</p>

2	POEM-2 GRANNY'S TREE CLIMBING	<ol style="list-style-type: none"> <li>1. Recitation</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Word-meaning</li> <li>6. Interaction</li> </ol>	<p>i- appreciate and critically analyse the beauty and simplicity of the poem recognizing the literary devices  ii- cherish the grandparent- grandchild relationship  iii- understand the central idea of the poem and recite the poem with proper intonation  v- respect elders and their views  vi- appreciate the simple joys of life  vii- view nature from a therapeutic perspective</p> <p>The learners will be able to-</p> <p>i-realize that generation gap is inevitable  ii- be respectful toward elders  iii- avoid gender discrimination  iv- understand the desirable and undesirable traits in human beings  v- understand the causes of stress in the parents and the children  vi- understand the role of recreational activities in managing stress  vii- utilize their vacation time by joining various activities/ hobby classes.</p>
3	UNIT- 1 CHANGING TIMES (E.R.)	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> </ol>	<p>The learners will be able to-</p> <p>i- draft an effective notice in proper format.  ii- learn the nuances of formal communication and disseminate information to large group</p>
4	NOTICE WRITING	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> </ol>	<p>The learners will be able to-</p> <p>i- write message in proper format on the basis of telephonic conversation  ii- understand message as a way of informal communication</p> <p>The students will be able to-</p> <p>i- to differentiate, understand and remember the rules of various types of tenses  ii-to speak and write correct English using appropriate tenses</p>
5	MESSAGE WRITING	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> </ol>	
6	UNIT-1 TENSES (E.P.B.)	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> </ol>	

1. Explanation
2. Discussion
3. Interaction

**MONTH – MAY**

**NO. OF WORKING DAYS – 17**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	L-3 THE FUN THEY HAD	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	<p>The learners will be able to-</p> <ul style="list-style-type: none"> <li>i- realize the significance of human relationships</li> <li>ii- understand the importance of technology in teaching learning process</li> <li>iii- realize the importance of trees in our lives</li> <li>iv- understand the advantages of book reading.</li> <li>v- understand the school system and the role of teachers in life.</li> <li>vi- differentiate between the human teacher and the mechanical teacher.</li> </ul>
2	UNIT-2 COMPASSIONATE SOULS (E.R.)	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	<p>The learners will be able to-</p> <ul style="list-style-type: none"> <li>i- comprehend and infer</li> <li>ii- understand the divine message- the need for humanitarianism</li> <li>iii- learn the value of compassion</li> <li>iv- understand the traits of 'Mahatma' and the divine qualities.</li> <li>v- differentiate between the self-centered generation and the compassionate souls.</li> <li>vi- believe in 'simple living and high thinking'.</li> <li>vii- serve towards humanity</li> </ul>
3	UNIT- 2 NARRATION (E.P.B.)	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> <li>3. Interaction</li> </ol>	<p>The students will be able to-</p> <ul style="list-style-type: none"> <li>i- use grammatically correct English</li> <li>ii- differentiate between 'Direct' and 'indirect speech.</li> <li>iii- develop insight into the structure of English language.</li> <li>iv- ask important information incorporating questioning technique.</li> <li>v- use listening skills to answer complex questions.</li> <li>vi- conduct the interviews.</li> <li>vii- report conversation using indirect speech</li> </ul> <p>The learners will be able to-</p> <ul style="list-style-type: none"> <li>i- stimulate imagination for creative writing</li> </ul>

4	DESCRIPTION (PICTURE, EVENT & PLACES)		ii- describe any picture, place or event
5	UNIT-3 MODALS (E.P.B.)	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> <li>3. Interaction</li> </ol>	<p>The pupils will be able to-</p> <ol style="list-style-type: none"> <li>i- develop understanding of modals as auxiliary verbs</li> <li>ii- learn how modals modify sentences to express necessity, possibility, permission, request etc.</li> </ol>
		<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> <li>3. Interaction</li> </ol>	

**MONTH – JULY**

**NO. OF WORKING DAYS – 24**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	L- 4 FATHER'S HELP	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	<p>The learners will be able to –</p> <ol style="list-style-type: none"> <li>i- understand the importance of interpersonal relationships</li> <li>ii- realize the importance of truthfulness in our lives</li> <li>iii- understand that quality education can be achieved with the combination of technology</li> <li>iv- understand the school system and the role of teachers in life</li> <li>v- understand the role of father in life</li> </ol> <p>The students will be able to -</p> <ol style="list-style-type: none"> <li>i- cherish the maternal bond</li> <li>ii- appreciate the autobiographical element in the poem</li> <li>iii- understand the theme of the poem and identify the poetic devices.</li> <li>iv- get inspired from the life of Dr Kalam and understand the importance of hard work</li> <li>v- pay respect to parents, especially mother and understand their responsibilities towards them</li> <li>vi- learn to put up a brave front in the face of hardships</li> </ol> <p>The learners will be able to –</p> <ol style="list-style-type: none"> <li>i- appreciate humour in the story</li> <li>ii- critically appreciate different characters in the story</li> <li>iii- learn the importance of interpersonal relationships</li> </ol>
2	POEM- 5 MY MOTHER	<ol style="list-style-type: none"> <li>1. Recitation</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Word-meaning</li> <li>6. Interaction</li> </ol>	

3	L- 6 THE LUNCHEON	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	<p>iv- practise the good dietary habits after understanding the possible consequences of not taking a balanced diet</p> <p>v- behave sensibly with others and not by using others to satisfy their desire</p> <p>The learners will be able to-</p> <p>i- draft an e-mail to communicate their ideas and thoughts while writing</p> <p>The learners will be able to-</p> <p>i- appreciate the value of enterprise</p> <p>ii- understand that success depends upon one's attitude</p> <p>iii- understand that decent work and economic growth can be achieved</p> <p>The students will be able to-</p> <p>i- complete dialogues meaningfully using structurally correct sentences</p> <p>ii- acquire the habit of coherent conversation</p>
4	E-MAIL WRITING	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> </ol>	
5	UNIT- 3 ENTERPRISE (E.R.)	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	
6	DIALOGUE COMPLETION	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> <li>3. interaction</li> </ol>	

**MONTH – AUGUST**  
**NO. OF WORKING DAYS – 23**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	Poem-7 children's song	<ol style="list-style-type: none"> <li>1. Recitation</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> </ol>	<p>The students will be able to-</p> <p>i- learn different ways of serving humanity and motherland</p> <p>ii- attain sustainable goals like peace, justice etc.</p>

2	UNIT-4 NATURE (E.R.)	<ol style="list-style-type: none"> <li>5. Word-meaning</li> <li>6. Interaction</li> </ol>	<p>iii- develop the feeling of patriotism</p> <p>The learners will be able to-</p> <ol style="list-style-type: none"> <li>i-appreciate beauty of nature</li> <li>ii-realize how various aspects of nature inspire human beings</li> <li>iii- understand responsibilities towards nature</li> </ol>
3	UNIT-4 SUBJECT-VERB AGREEMENT (E.P.B.)	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	<p>The learners will be able to-</p> <ol style="list-style-type: none"> <li>i-frame structurally correct sentences</li> <li>ii-use verb in accordance with the subject</li> </ol>
4	UNIT-9 PUNCTUATION (E.P.B.)	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> </ol>	<p>The students will be able to use punctuation marks correctly</p>
5	UNIT-5 CLAUSES AND COMPLEX SENTENCES (E.P.B.)	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> </ol>	<p>The pupils will be able to-</p> <ol style="list-style-type: none"> <li>i-differentiate between simple and complex sentences</li> <li>ii- use clauses according to the demand</li> </ol>
6	UNIT-6 LINKERS	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> </ol>	<p>The learners will be able to learn about different words that help in joining two or more sentences</p>

**MONTH – SEPTEMBER**  
**NO. OF WORKING DAYS – 25**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	UNIT-8 NON- FINITES	<ol style="list-style-type: none"> <li>1. Explanation</li> <li>2. Discussion</li> </ol>	<p>The learners will be able to-</p> <ol style="list-style-type: none"> <li>i-differentiate between gerunds, participle and infinitive</li> <li>ii- use non finites</li> </ol>

**MONTH – OCTOBER**  
**NO. OF WORKING DAYS – 17**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	L-8 THE CASE OF SHARP-EYED JEWELLER	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> </ol>	<p>The learners will be able to-</p> <ol style="list-style-type: none"> <li>i-appreciate the elements of detective fiction</li> </ol>

2	9-COUPLETS	<ol style="list-style-type: none"> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	<p>ii- learn that agility and presence of mind can prevent mishappening iii- be vigilant during everyday affairs</p> <p>The pupils will be able to-</p> <ol style="list-style-type: none"> <li>i- read and infer</li> <li>ii- learn the importance of leading a balanced life</li> <li>iii- do good to others</li> <li>iv- go for charity</li> </ol>
3	L-10 THE UNDESERVED REWARD	<ol style="list-style-type: none"> <li>1. Recitation</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Word-meaning</li> <li>6. Interaction</li> </ol>	<p>The students will be able to-</p> <ol style="list-style-type: none"> <li>i-read and infer</li> <li>ii- analyse various characters</li> <li>iii- resolve conflicts in one's life</li> <li>iv- avoid taking undue advantage of one's power or post</li> </ol>
4	UNIT-5 SPORTS (E.R.)	<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	<p>The learners will be able to-</p> <ol style="list-style-type: none"> <li>i-learn the value of sportsmanship</li> <li>ii- learn not to give up spirit of the sports personalities</li> <li>iii- attain good health and well being</li> </ol>
		<ol style="list-style-type: none"> <li>1. Reading</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Interaction</li> <li>6. Word-meaning</li> </ol>	

**MONTH – NOVEMBER**  
**NO. OF WORKING DAYS – 24**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	POEM-11 BANGLE SELLERS	<ol style="list-style-type: none"> <li>1. Recitation</li> <li>2. Explanation</li> <li>3. Discussion</li> <li>4. Activities</li> <li>5. Word-meaning</li> <li>6. Interaction</li> </ol>	<p>The pupils will be able to-</p> <ol style="list-style-type: none"> <li>i-value our heritage and culture</li> <li>ii- understand the various phases of women's life</li> <li>iii- appreciate the poem and recognize the literary devices</li> </ol>
2			The learners will be able to –

UNIT- 7 ACTIVE-PASSIVE VOICE	1. Explanation 2. Discussion	i-use passive voice correctly in given context ii- write the processes using passive voice
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**MONTH – DECEMBER**

**NO. OF WORKING DAYS – 26**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	PLAY-12 A BAD DREAM	1. Reading 2. Explanation 3. Discussion 4. Activities 5. Interaction 6. Word-meaning 7. Role play	The students will be able to- i-nuances of drama ii- analyse various characters of the play iii- be kind, considerate and sympathetic towards the less fortunate or deprived people
2	UNIT-6 TOLERANCE (E.R.)	8. Reading 9. Explanation 10. Discussion 11. Activities 12. Interaction 13. Word-meaning	The learners will be able to- i-read and appreciate the literary pieces of several essayists ii- appreciate the value of tolerance in pluralistic societies
3	UNIT-10 READING FOR UNDERSTANDING(E.P.B.)	1. Reading 2. Explanation 3. Discussion	The learners will be able to read and comprehend the passages.

**MONTH – JANUARY**

**NO. OF WORKING DAYS – 18**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	UNIT-11 GETTING READY FOR CLASS-9	1. Reading 2. Explanation 3. Discussion	The students will be able to revise the topics learnt previously.
2	REVISION	ORAL & WRITTEN TESTS	The learners will be able to perform well in the exams.

**MONTH – FEBRUARY**

**NO. OF WORKING DAYS – 22**

S. NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	REVISION	ORAL & WRITTEN TESTS	The learners will be able to perform well in the exams.



पाठ्यक्रम 2022-23

कक्षा - VIII

विषय - हिंदी

माह	पाठ का नाम	शिक्षण- विधि
अप्रैल	1. हम पंछी उन्मुक्त गगन के 2. असल धन 3. अच्छे पड़ोसी के गुण	सस्वर वाचन, व्याख्यात्मक संवाद, शब्दार्थ आदर्श वाचन, संवाद, कहानी वाचन, प्रश्नोत्तर, आदर्श वाचन, श्रवण कौशल, संवाद, प्रश्नोत्तर
मई	4. दोपहरी 6. आश्रम के अतिथि और संस्मरण 7. अन्याय के खिलाफ लड़ाई अभ्यास सागर - अनु0, पत्र, संवाद, पाठ 1 - 4	सस्वर वाचन, प्रश्नोत्तर, संवाद शैली, व्याख्यात्मक आदर्श वाचन, प्रश्नोत्तर वाचन कौशल, प्रश्नोत्तर, संवादात्मक शैली, प्रश्नोत्तर, संवाद, प्रयोगात्मक
जुलाई	8. दोहे 9. जब भोलाराम ने पंप लगवाया	सस्वर वाचन, व्याख्यात्मक प्रश्नोत्तर, संवाद वाचन कौशल, श्रवण कौशल, प्रश्नोत्तर, कहानी वाचन
अगस्त	10. बातचीत की कला 11. सितारों से आगे अभ्यास सागर - पाठ 5 - 10 तक	आदर्श वाचन, प्रश्नोत्तर, संवाद शैली आदर्श वाचन, प्रश्नोत्तर, संवाद शैली छात्रों द्वारा स्वयं लेखन कार्य
सितंबर	12. पौधों के पंख 13. सूर और तुलसी दास के पद (प्रथम आवर्ती परीक्षा की पुनरावृत्ति) 14. बहू की विदा अभ्यास सागर पाठ - 11 - 14 तक	आदर्श वाचन, प्रश्नोत्तर, संवाद शैली सस्वर वाचन, शब्दार्थ, प्रश्नोत्तर, व्याख्यात्मक आदर्श वाचन, प्रश्नोत्तर, छात्रों द्वारा अभिनय छात्र स्वयं लेखन कार्य करें

माह	पाठ का नाम	शिक्षण- विधि
अक्टूबर	15. कामचोर 16. सोना 18. दुख में हार न मानो	आदर्श वाचन, प्रश्नोत्तर, आदर्श वाचन, प्रश्नोत्तर, संवाद शैली सस्वर वाचन, व्याख्यात्मक, शब्दार्थ
नवंबर	19. जीवन का सच	वाचन, प्रश्नोत्तर, संवाद
दिसंबर	अभ्यास सागर पाठ 15 - 20 तक	छात्रों द्वारा स्वयं लेखन कार्य
जनवरी	अभ्यास कार्य की पुनरावृत्ति एवं कक्षा परीक्षा - लिखित और मौखिक रूप में	
फरवरी	वार्षिक परीक्षा की पूर्णरूपेण पूर्ण आवृत्ति	

**CURRICULAM 2022-23  
CLASS VIII  
SUBJECT MATHS**

**LEARNING OBJECTIVES :-**

Comprehend, analyse, synthesise, evaluate and make generalization so as to solve mathematical problems.

**MONTH APRIL**

Sr No	Chapter	Methodology	Learning outcomes
1	Square and square root	Explaining method	Students will be able to understand squares of even numbers are even and odd numbers are odd
2	Cube and cube roots	Blackboard method	Students will be able to understand cube and cube root of a negative number is always negative and cube of an even number is always even students will be able to apply the rules of cube and cube roots

**MONTH MAY**

Sr No	Chapter	Methodology	Learning outcomes
1	Direct and Inverse variation	Discussion using example and blackboard method	Students will be able to distinguish between direct variation and Inverse variation

2	Profit and loss and discount	Blackboard method	The students will be able to understand concept of profit and loss
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**MONTH July**

Sr No	Chapter	Methodology	Learning outcomes
1	Algebraic identities	Discussion and blackboard method	Students will be able to distinguish between identity and equation and learn the application of identities
2	Parallel lines	Discussion and blackboard method	Students will be able to appreciate different types of angles and their relation when a transversal intersects two parallel lines and vice versa

**MONTH AUGUST**

Sr No	Chapter	Methodology	Learning outcomes
1	Introduction to graph	Lecture and activity method	Students will be able to identify the coordinates of a point and Plot the point on a cartesian plane
2	Mensuration	Blackboard method	Students will be able to find the area of plane figure and calculate the volume surface area of of rectilinear solid figures

**MONTH SEPTEMBER**

Sr No	Chapter	Methodology	Learning outcomes
1	Exponent and radicals	Blackboard method	Students will be able to convert radical form to exponential form and vice versa
2	Rotational symmetry	Activity	Students will be able to understand symmetry and distinguish between line symmetry and rotational symmetry

**MONTH OCTOBER**

Sr No	Chapter	Methodology	Learning outcomes
1	Compound interest	L1ecture method	Students will be able to distinguish between simple interest and compound interest calculate compound interest from amount using formula or otherwise
2	Polynomials	Blackboard method	Students will be able to identify coefficients and degree of polynomial and divide a polynomial in one variable by a monomial or a binomial

3	Linear Equations in one variable	Blackboard method	Students will be able to solve linear equation in one variable and convert the language problem into a linear equation
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### MONTH NOVEMBER

Sr No	Chapter	Methodology	Learning outcomes
1	Understanding quadrilateral	Blackboard method	Students will be able to recognise different types of quadrilateral like trapezium parallelogram rectangle Rhombus square and kite understand the properties of parallelogram rectangle Rhombus and Square
2	Construction of quadrilateral	Activity method	Students will be able to construct a quadrilateral with given conditions
3	Statistics and probability	Activity	Students will be able to understand the terms observation raw data range plasma frequency frequency table and differentiate between raw data ungrouped and grouped data

### MONTH DECEMBER REVISION

## Curriculum of Class VIII Subject - Science

### Learning Objectives:

- 1) develop scientific attitude and temper
- 2) understand scientific concepts principles and laws
- 3) inculcate Science and technology related values
- 4) experimental skills and shop and their sense of inquiry
- 5) create awareness and concern for healthy environment and preservation of ecosystem
- 6) acquire the knowledge of scientific terms facts definitions and processes

MONTH - APRIL  
WORKING DAYS- 27

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<p><b>THE CELL</b></p> <p><b><u>SUBTOPICS</u></b></p> <p>=</p> <p><b>Introduction, cell- variation in cell number, shape and size in living organisms.</b></p>	<p>Demonstration and discussion type.</p>	<p>Students would be able to:</p> <ul style="list-style-type: none"> <li>• Comprehend and understand the basic unit of life.</li> <li>• Differentiate between plant cell and animal cell.</li> <li>• Describe various cell – organelles and their functions in the cell.</li> </ul>
<p><b>Parts of a typical cell</b></p>	<p><b>Demonstration and discussion type.</b></p>	
<p><b>Structure and function of cell organelles.</b></p>	<p><b>Demonstration and discussion type.</b></p>	
<p><b>Levels of organization in multicellular organisms.</b></p>	<p><b>Lecture and discussion type.</b></p>	
<p><b>Comparison between plant and animal cell.</b></p>	<p><b>Demonstrations and discussion type.</b> <b>Diagrams on board.</b></p>	

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<p><b>MICROORGANISMS:</b></p> <p><b>FRIENDS AND FOES</b></p> <p><b><u>SUB TOPICS-</u></b></p> <ul style="list-style-type: none"> <li>• <b>Introduction</b></li> <li>• <b>Types of microorganisms</b></li> <li>• <b>Viruses are unique.</b></li> <li>• <b>Where do microorganisms live?</b></li> </ul>	<ul style="list-style-type: none"> <li>• Flowcharts.</li> <li>• YouTube links.</li> </ul>	<p><i>Learners will be able to-</i></p> <ul style="list-style-type: none"> <li>• Different types of microorganisms and their habitats.</li> <li>• Good(beneficial) and bad (harmful) side of microorganisms.</li> <li>• Uses and harms of microorganisms.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Microorganisms as our friends.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>flow charts using various uses of microorganisms in our daily life.</b></li> <li>• <b>Use of multimedia.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Importance of microorganisms in human health.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Flowcharts</b></li> <li>• <b>Activity</b></li> <li>• <b>Textbook</b></li> <li>• <b>Videos</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Food preservation.</b></li> <li>• <b>Methods of food preservation cont.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>YouTube video</b></li> <li>• <b>Flow chart</b></li> </ul>	

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<b>METALS AND NON-METAL</b> <ul style="list-style-type: none"> <li>• <b>Classification of elements.</b></li> <li>• <b>Occurrence of metals.</b></li> <li>• <b>Minerals and ores.</b></li> <li>• <b>Physical properties of metals and nonmetals.</b></li> </ul>	<ul style="list-style-type: none"> <li>• PPT.</li> <li>• Demonstration.</li> <li>• Activity on thermal conductivity electrical conductivity.</li> </ul>	<p><i>The students would be able to-</i></p> <ul style="list-style-type: none"> <li>• <i>classify metals and non metals and their occurrence in nature.</i></li> <li>• <i>differentiate the physical properties and chemical properties of metals and nonmetals.</i></li> <li>• <i>They can know about noble metals and uses of metals and nonmetals.</i></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Chemical properties of metals and nonmetals.</b></li> <li>• <b>Reaction with oxygen, water and acid.</b></li> </ul>	<ul style="list-style-type: none"> <li>• PPT.</li> <li>• Demonstration.</li> <li>• Blackboard.</li> <li>• Activity – reaction of metals and nonmetals with oxygen water and acids.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reactivity series of metals.</b></li> <li>• <b>Displacement reaction.</b></li> <li>• <b>Noble gases.</b></li> </ul>	<ul style="list-style-type: none"> <li>• PPT.</li> <li>• Demonstration.</li> <li>• Activity – to show displacement reaction.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>uses of common metals , alloys nonmetals.</b></li> </ul>	<ul style="list-style-type: none"> <li>• PPT.</li> <li>• Demonstration.</li> <li>• Group discussion.</li> </ul>	

**MONTH - MAY**  
**WORKING DAYS-16**

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<b>FORCE AND PRESSURE</b> <ul style="list-style-type: none"> <li>• <b>Introduction of force and effects of force.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate by ppt and video.</li> </ul>	<p><i>The students would be able to-</i></p> <ul style="list-style-type: none"> <li>• <i>Define the term force and pressure.</i></li> <li>• <i>Define and differentiate between the concept of balanced and unbalanced force.</i></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Balanced and unbalanced force.</b></li> <li>• <b>Types of force - contact and noncontact forces.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Explanation method and PowerPoint presentation.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Pressure introduction</b></li> <li>• <b>Application of the concept of pressure in daily life.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>By using PPT , discussion method</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>liquid pressure and properties of liquid pressure, atmospheric pressure.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>By using chalk and talk method.</b></li> <li>• <b>Audio visual Aids. • By performing activities in class.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Variation in air pressure.</b></li> <li>• <b>Importance of atmospheric pressure.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Explanation and discussion method.</b></li> </ul>	



<b><u>CHAPTER</u></b>	<b><u>METHODOLOGY</u></b>	<b><u>LEARNING OUTCOMES</u></b>
<p><b>SOURCES OF ENERGY</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• classifying the sources of energy on the basis of their occurrence, physical state and availability.</li> </ul>		
<ul style="list-style-type: none"> <li>• Fossil fuels.</li> <li>• a fuel - advantages and disadvantages.</li> <li>• Coal – occurrence, formation and types.</li> </ul>	<ul style="list-style-type: none"> <li>• Flow charts.</li> <li>• Textbooks.</li> </ul>	
<ul style="list-style-type: none"> <li>• Processing of coal - destructive distillation.</li> <li>• Uses of products formed by destructive distillation.</li> </ul>	<ul style="list-style-type: none"> <li>• Textbooks.</li> <li>• Videos.</li> </ul>	
<ul style="list-style-type: none"> <li>• Refining of petroleum , its products and their uses.</li> </ul>	<ul style="list-style-type: none"> <li>• Examples from daily life.</li> <li>• Textbooks.</li> </ul>	
<ul style="list-style-type: none"> <li>• Natural gas and its uses.</li> <li>• Cleaner fuels – advantages and</li> </ul>	<ul style="list-style-type: none"> <li>• Textbook.</li> <li>• PowerPoint presentation.</li> </ul>	

<b>disadvantages.</b>	<ul style="list-style-type: none"><li>• Flow chart.</li><li>• Textbooks.</li></ul>	
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<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<b>FRICITION</b> <ul style="list-style-type: none"> <li>● <b>Introduction of the chapter.</b></li> <li>● <b>cause and factors associated with the force of friction.</b></li> </ul>	<ul style="list-style-type: none"> <li>● Activity (situation will be given in students will be asked to identify the action involved between two interactive objects).</li> <li>● Textbooks.</li> </ul>	<i>Learners will be able to-</i> <ul style="list-style-type: none"> <li>● Define and identify various types of friction.</li> <li>● Appreciate that friction is a necessary as well as a nuisance.</li> <li>● Understand methods</li> </ul>
	<ul style="list-style-type: none"> <li>● <b>Flow charts.</b></li> <li>● <b>Examples from day to day life.</b></li> <li>● <b>Blackboard.</b></li> </ul>	
<ul style="list-style-type: none"> <li>● <b>Rolling friction.</b></li> <li>● T types of friction.</li> <li>● Why static frictions I known as self adjusting?</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Examples from daily life.</b></li> <li>● <b>Textbook.</b></li> <li>● <b>Videos.</b></li> </ul>	
<ul style="list-style-type: none"> <li>● <b>Friction a necessary.</b></li> <li>● <b>Friction – and evil /nuisance.</b></li> </ul>		
<ul style="list-style-type: none"> <li>● <b>Methods of increasing friction.</b></li> <li>● <b>Methods of reducing friction.</b></li> <li>● <b>Significance of streamlined shapes in reducing fluid friction.</b></li> <li>● <b>Factors affecting fluid friction.</b></li> </ul>	<ul style="list-style-type: none"> <li>● <b>Textbooks.</b></li> <li>● <b>activities to understand factors affecting fluid friction given in the textbook.</b></li> <li>● <b>Textbooks. Examples from daily life.</b></li> </ul>	

**MONTH - JULY**  
**WORKING DAYS - 24**

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOME</u>
<b>COMBUSTION</b> <ul style="list-style-type: none"> <li>Recall the terms conductors and insulators.</li> <li>Conduction through liquids</li> <li>Cause of conductivity.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstration and enquiry method.</li> </ul>	<i>The students would be able to-</i> <ul style="list-style-type: none"> <li>Recall the term fuel.</li> <li>Understand the terms combustion and combustible material.</li> <li>Understand the cause of conductivity of liquids.</li> <li>applications of the</li> </ul>
<ul style="list-style-type: none"> <li>Electrolytes.</li> <li>Conversion of chemical energy.</li> </ul>	<ul style="list-style-type: none"> <li>Explanation and flash card activity.</li> </ul>	
<ul style="list-style-type: none"> <li>Chemical effects of electric current.</li> <li>Electrolysis of water.</li> </ul>	<ul style="list-style-type: none"> <li>Explanation method.</li> <li>Problem solving method.</li> </ul>	
<ul style="list-style-type: none"> <li>Application of electrolysis.</li> <li>Explanation of electroplating.</li> </ul>	<ul style="list-style-type: none"> <li>Explanation method.</li> <li>Enquiry method.</li> </ul>	
<ul style="list-style-type: none"> <li>Practical applications of electroplating.</li> <li>Introduction of electromagnetic induction.</li> <li>Experimental observations.</li> </ul>	<ul style="list-style-type: none"> <li>Group discussion.</li> <li>Explanation method.</li> <li>Flashcard activity.</li> </ul>	
<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>

<p><b>CROP PRODUCTION AND MANAGEMENT</b></p> <ul style="list-style-type: none"> <li>• <b>Types of crops.</b></li> <li>• <b>Ploughing.</b></li> <li>• <b>Sowing.</b></li> <li>• <b>Irrigation.</b></li> <li>• <b>Soil replenishment.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Explanation method.</li> <li>• Project based learning.</li> <li>• Activity.</li> <li>• Concept map.</li> </ul>	<p><i>Students will be able to-</i></p> <ul style="list-style-type: none"> <li>• <i>Identify and explain the different types of crops.</i></li> <li>• <i>To understand the meaning and importance of ploughing, sowing, transplantation, irrigation, soil replenishment, crop protection, manuring, storage of Crop products and mechanism of Crop</i></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Crop Protection.</b></li> <li>• <b>Harvesting and threshing.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Explanation method.</b></li> <li>• <b>Demonstration method.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Storage of grains.</b></li> <li>• <b>Crop improvement.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Explanation method.</b></li> <li>• <b>Demonstration method.</b></li> </ul>	
<p><b>CONSERVATION OF PLANTS AND ANIMALS</b> Topic-Consequences of deforestation.</p>	<p><b>Explanation by giving daily life examples.</b></p>	<p><i>Students will be able to-</i></p> <ul style="list-style-type: none"> <li>• <i>know the importance of forest and wildlife</i></li> <li>• <i>Understand about various species of plants and animals</i></li> </ul>
<p>Topic-Conservation of Forest and Wildlife</p>	<p><b>By using multimedia or explanation</b></p>	

**MONTH - AUGUST**  
**WORKING DAYS - 23**

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<b>REFRACTION AND DISPERSION OF LIGHT</b> <ul style="list-style-type: none"> <li>• <b>Introduction to refraction of light.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Hands on activity and PPT.</li> </ul>	<i>The students will be able to-</i> <ul style="list-style-type: none"> <li>• Understand the refraction of light.</li> <li>• Draw the refraction of light through a glass slab.</li> <li>• Identify the different types of lenses.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Cause of refraction, refractive index.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Demonstration and PPT.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Analyse the image</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Refraction of light by a glass slab.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Demonstration and presentation by video.</b></li> </ul>	
	<ul style="list-style-type: none"> <li>• <b>Demonstration and presentation by video.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Lenses.</b></li> <li>• Dispersion of white light by a glass prism and its application.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Demonstration and presentation by video.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Rules of concave and convex lens.</b></li> </ul>		
<ul style="list-style-type: none"> <li>• <b>Image formed by concave lens.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Hands on activity and presentation.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Applications of lenses.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Discussion.</b></li> </ul>	

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOME</u>
<p><b>THE HUMAN EYE</b></p> <ul style="list-style-type: none"> <li>• <b>structure of human and functions of various parts of eye.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Demonstration using a model of human eye.</li> </ul>	<p><i>Learners will be able to-</i></p> <ul style="list-style-type: none"> <li>• Draw the structure and appreciate the function of human eye.</li> <li>• understand the various defects of vision and ways to take care of eyes.</li> <li>• desensitize towards the resources</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Working of human and its range of vision.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Discussion method.</li> <li>• Activity based on range of vision.</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Defect of vision and care of eyes.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Discussion method.</li> <li>• Activity based on the type of lenses used in various spectacles</li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Visually challenged persons and Braille system.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Discussion and PowerPoint presentation.</li> </ul>	

MONTH - SEPTEMBER  
WORKING DAYS – 25



<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<p><b>SOUND</b></p> <ul style="list-style-type: none"> <li>● Sound and vibration.</li> <li>● Sounds produced by humans.</li> </ul>	<ul style="list-style-type: none"> <li>● Discussion and models on smart board.</li> </ul>	<p><i>Learners would be able to-</i></p> <ul style="list-style-type: none"> <li>● Explain the meaning of sound, devices from which vibrations are produced.</li> <li>● Understand the sound produced by humans and animals.</li> <li>● Describe the</li> </ul>
<ul style="list-style-type: none"> <li>● Sound produced by animals.</li> <li>● Propagation of sound.</li> </ul>	<ul style="list-style-type: none"> <li>● Discussion and diagram.</li> <li>● Activity.</li> </ul>	
<ul style="list-style-type: none"> <li>● Human ear.</li> <li>● Persistence of hearing echoes.</li> <li>● Amplitude, time period and frequency of vibration.</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstration and discussion.</li> </ul>	
<ul style="list-style-type: none"> <li>● Loudness and pitch of a sound.</li> <li>● Audible and inaudible sound.</li> <li>● Noise and music.</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstration and discussion.</li> </ul>	
<ul style="list-style-type: none"> <li>● Noise pollution: its source, effects and measures to limit noise pollution.</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstration and discussion.</li> </ul>	
<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>

<p><b>SYNTHETIC FIBRES AND PLASTICS</b></p> <p><b>Topic-Types of synthetic fibers.</b></p>	<p><b>Explanation by showing different types of fibers.</b></p>	<p><i>Learners would be able to-</i>  <i>the</i></p> <ul style="list-style-type: none"> <li>● <i>Identify different types of fibers and plastics.</i></li> <li>● <i>Aware about adverse environment.</i></li> </ul>
<p><b>Topic-Plastics</b></p>	<p><b>-----same as above----</b></p>	

**MONTH - OCTOBER**  
**WORKING DAYS - 17**

CURRICULUM 2022-23

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<b>REPRODUCTION IN ANIMAL</b> <ul style="list-style-type: none"> <li>• <b>Definition of reproduction.</b></li> <li>• <b>Methods of asexual reproduction.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Discussion and PPT.</li> </ul>	<i>Learners will be able to-</i> <ul style="list-style-type: none"> <li>• <i>Learn the various modes of reproduction in animals.</i></li> <li>• <i>Difference between male and female reproductive system in oviparous and viviparous animals.</i></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Sexual reproduction and reproductive pattern.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>discussion method.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Reproductive system in human males and females.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Discussion methods supported by diagrams.</b></li> </ul>	
<b>Viviparous and oviparous animals.</b>	<ul style="list-style-type: none"> <li>• <b>Discussion and PowerPoint presentations on the smart board</b></li> </ul>	
<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<b>REACHING THE AGE OF ADOLESCENT</b> <ul style="list-style-type: none"> <li>• <b>Definition of reproduction.</b></li> <li>• <b>Methods of asexual reproduction.</b></li> </ul>		
<ul style="list-style-type: none"> <li>• <b>Sexual reproduction and reproductive pattern.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>discussion method.</b></li> </ul>	

<ul style="list-style-type: none"> <li>• <b>Reproductive system in human males and females.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Discussion methods supported by diagrams.</b></li> <li>• <b>Discussion and PPT.</b></li> </ul>	<p><i>Learners will be able to-</i></p> <ul style="list-style-type: none"> <li>• <i>Learn the various modes of reproduction in animals.</i></li> </ul>
<p><b>Viviparous and oviparous animals.</b></p>	<ul style="list-style-type: none"> <li>• <b>Discussion and PowerPoint presentations on the smart board</b></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Difference between male and female reproductive system in oviparous and viviparous animals.</i></li> </ul>

**MONTH - NOVEMBER**  
**WORKING DAYS - 24**

CURRICULUM 2022-23

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOME</u>
<p><b>ELECTRIC CURRENT AND ITS CHEMICAL EFFECTS</b></p> <ul style="list-style-type: none"> <li>Recall the terms conductors and insulators.</li> <li>Conduction through liquids</li> <li>Cause of conductivity.</li> </ul>		
<ul style="list-style-type: none"> <li>Electrolytes.</li> <li>Conversion of chemical energy.</li> </ul>	<ul style="list-style-type: none"> <li>Explanation and flash card activity.</li> </ul>	
<ul style="list-style-type: none"> <li>Chemical effects of electric current.</li> <li>Electrolysis of water.</li> </ul>	<ul style="list-style-type: none"> <li>Explanation method.</li> <li>Problem solving method.</li> </ul>	
<ul style="list-style-type: none"> <li>Application of electrolysis.</li> <li>Explanation of electroplating.</li> </ul>	<ul style="list-style-type: none"> <li>Explanation method.</li> <li>Enquiry method.</li> </ul>	
<ul style="list-style-type: none"> <li>Practical applications of electroplating.</li> <li>Introduction of electromagnetic induction.</li> <li>Experimental observations.</li> </ul>	<ul style="list-style-type: none"> <li>Group discussion.</li> <li>Explanation method.</li> <li>Flashcard activity.</li> </ul>	

<p><b>STARS AND SOLAR SYSTEM</b></p> <p><b>Topic- Stars Constellations Planets Minor bodies in the Solar System</b></p>	<p><b>You tube video. Explanation.</b></p> <p>Demonstration and enquiry method.</p>	<p><i>The students would be able to</i></p> <p><i>The students would be able to-</i></p> <ul style="list-style-type: none"> <li>● <i>Differentiate between stars and planet.</i></li> <li>● <i>Call the term</i></li> <li>● <i>Identify some prominent constellations in the sky.</i></li> <li>● <i>Know about different characteristics of planets.</i></li> <li>● <i>Recognize some heavenly bodies.</i></li> </ul> <p><i>conductors and insulators.</i></p> <ul style="list-style-type: none"> <li>● <i>Understand the way of conduction through liquids.</i></li> </ul>
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**MONTH - DECEMBER**  
**WORKING DAYS - 26**

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOME</u>
<p><b>EARTHQUAKES</b></p> <p><b>Topic-effects of an earthquake.</b></p> <p><b>Cause of an earthquake.</b></p> <p><b>Measuring and protection against earthquake.</b></p>	<p>You tube video. Explanation</p>	<p><i>The students would be able to-</i></p> <ul style="list-style-type: none"> <li>● <i>Aware about the causes and effects of an earthquake.</i></li> <li>● <i>Know about the safety measures to protect against an earthquakes.</i></li> </ul>

<u>CHAPTER</u>	<u>METHODOLOGY</u>	<u>LEARNING OUTCOMES</u>
<p><b>POLLUTION OF AIR</b></p> <ul style="list-style-type: none"> <li>● Introduction of the chapter.</li> <li>● Importance of air in our life.</li> <li>● causes and effects of contaminated air on our health.</li> <li>● Defining and recalling the term fuels, deforestation, pollution, pollutant.</li> </ul>		
<ul style="list-style-type: none"> <li>● Listing some air pollutants; their sources and harmful effects on plants and humans.</li> <li>● CO,NO<sup>2</sup>, smog, chlorofluorocarbon ie.CFCs.</li> </ul>	<ul style="list-style-type: none"> <li>● Flowcharts. List of Text books..</li> </ul>	

CURRICULUM 2022-23

<ul style="list-style-type: none"> <li>● <b>Greenhouse effect and global warming;</b> <b>definition, effects, causes, consequences and measure to check it.</b></li> <li>● <b>Methods to control air pollution caused by vehicles, factories and burning crackers.</b></li> <li>● <b>Undertaking vanmahotsav programmes, proper disposal of waste, strict rules.</b></li> </ul>	<ul style="list-style-type: none"> <li>● <b>Textbook.</b></li> <li>● <b>Videos.</b></li> <li>● <b>flow chart.</b></li> <li>● <b>Textbooks.</b></li> </ul>	<p><i>Learners will be able to-</i></p> <ul style="list-style-type: none"> <li>● <i>Understand air pollution and its causes.</i></li> <li>● <i>Knows about the harmful effects of major air pollutants.</i></li> <li>● <i>Understand the phenomenon of greenhouse effect and global warming; their causes and consequences.</i></li> <li>● <i>Know about different methods of controlling air pollution.</i></li> </ul>
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CURRICULUM 2023



<b><u>CHAPTER</u></b>	<b><u>METHODOLOGY</u></b>	<b><u>LEARNING OUTCOMES</u></b>
<p><b>POLLUTION OF WATER</b></p> <ul style="list-style-type: none"> <li>• <b>Introduction of the chapter.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>By asking oral questions.</b></li> </ul>	<p><i>Learners will be able to-</i></p> <ul style="list-style-type: none"> <li>• <b>Define water pollution.</b></li> <li>• <b>Explain the causes of water pollution and its harmful effects.</b></li> <li>• <b>Differentiate between physical and chemical ways</b></li> </ul>
<ul style="list-style-type: none"> <li>• <b>Identification of presence of water pollutants, major causes of water pollution, and their harmful effects.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Group discussion and lecture method.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Different methods of purification of water.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Demonstration of simple class activities.</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>ways of purification of water in water treatment plants and ways of conserving water.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>PowerPoint presentation and pictures.</b></li> </ul>	

**DAV PUBLIC SCHOOLBRIJ VIHAR  
CURRICULUM (2022-2023)  
SUBJECT- SOCIAL STUDIES  
CLASS – VIII**

**LEARNING OBJECTIVES –**

1. Understand the issues included in the textbooks and relate them to daily life.
2. Have an idea of various historical developments that took place within the given period.
3. Know about the various sources of information of modern period and reflect on them.
4. Appreciate the ideals of democracy and importance of rules and laws included in the constitution of India.
5. Form their own opinion about different issues related to the topics in textbook.
6. Understand the need of conservation of resources and the concept of sustainable development.
7. Comprehend the relation between the resources and development.
8. Develop map skills to identify and locate the various regions/states in India and different countries of the world.

**MONTH AND NO OF WORKING DAYS- APRIL (27 days)**

S.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
1	Resources Utilization & development	<ul style="list-style-type: none"> <li>● Pictorial chart – classification of the resources</li> <li>● Video presentation method</li> </ul>	<ul style="list-style-type: none"> <li>● Explain the meaning of resources, classification and uses of the resources.</li> <li>● Realize the need and methods of conservation of resources and the meaning of sustainable development.</li> </ul>
2	The Modern Period	<ul style="list-style-type: none"> <li>● Placard – important monuments of British period</li> <li>● Web-chart/ Flow-chart – Source of Information</li> </ul>	<ul style="list-style-type: none"> <li>● Understand the meaning of the modern period.</li> <li>● Be able to compare the changes occurred in 18<sup>th</sup>, 19<sup>th</sup> &amp; 20<sup>th</sup> centuries till 1947 when India achieved her Independence.</li> </ul>
3	Our Constitution	<ul style="list-style-type: none"> <li>● Power point presentation</li> </ul>	<ul style="list-style-type: none"> <li>● Understand the meaning and importance of rule of law.</li> </ul>

			<ul style="list-style-type: none"> <li>● Explain the need of the constitution, its ideals, values and features.</li> </ul>
4	<b>Fundamental Rights, Fundamental Duties and Directive Principle of State Policy</b>	<ul style="list-style-type: none"> <li>● Explanation through mind mapping.</li> <li>● Picture Demonstration.</li> <li>● Interaction with students by putting questions.</li> </ul>	<ul style="list-style-type: none"> <li>● Describe the Fundamental Rights and Fundamental Duties as enshrined in the Constitution of India.</li> <li>● Explain the significance of Directive Principle of State Policy.</li> <li>● Understand the meaning, importance and uniqueness of Indian secularism.</li> </ul>

**MONTH AND NO OF WORKING DAYS- MAY (16 days)**

S.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
5	<b>Establishment of Company rule in India</b>	<ul style="list-style-type: none"> <li>● Interaction method</li> <li>● Questions /Answers</li> <li>● Power Point Presentation</li> </ul>	<ul style="list-style-type: none"> <li>● Understand the role of East India Company in establishing new trading centres in India.</li> <li>● Understand systematic expansion of East India Company in India, that led to establishment of British Empire.</li> </ul>
6	<b>Natural resources land soil and water</b>	<ul style="list-style-type: none"> <li>● Questioning method</li> <li>● Video Presentation method</li> <li>● Discussion method</li> </ul>	<ul style="list-style-type: none"> <li>● Understand the significance of natural resources like land, soil and water.</li> <li>● Understand the factors influencing soil formation, the causes of soil erosion, need and ways for the conservation of soil.</li> </ul>

**MONTH AND NO OF WORKING DAYS- JULY (24 days)**

S.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
8	Colonialism: Rural and Tribal Societies	<ul style="list-style-type: none"><li>• Story- telling method.</li><li>• Questioning method</li><li>• Video Presentation method</li></ul>	<ul style="list-style-type: none"><li>• Understand different Land Revenue Systems and their impact, Revolt by the farmers.</li><li>• Analyse the reason behind the exploitation of tribal and their revolt.</li><li>• Recognise the impact of colonialism on Indian crafts and industry and development of modern industries in India.</li></ul>
9	The Union Government: The Legislature	<ul style="list-style-type: none"><li>• Discussion cum explanation method followed by a video showing the working of Parliament.</li><li>• Questioning method and lecture method</li></ul>	<ul style="list-style-type: none"><li>• Realise the need of for Federal structure in India</li><li>• Explain the composition and functions of union Parliament.</li></ul>
10	The Union Government: The Executive	<ul style="list-style-type: none"><li>• Interaction method</li><li>• Power Point Presentation</li><li>• Web chart/mind map of Prime Ministers and Presidents of India.</li></ul>	<ul style="list-style-type: none"><li>• Comprehend the process of elections of the President of India and its impeachment.</li><li>• Recognise the power and functions of Indian President and Vice President.</li><li>• Value the significance of coalition government in the present-day politics.</li></ul>
11	Natural resources: Vegetation and Wildlife	<ul style="list-style-type: none"><li>• Students can be divided into four groups and they can explain the topics with the help of pictures and maps.</li><li>• Map activity to be done related to</li></ul>	<ul style="list-style-type: none"><li>• Learn about the different types of forest, wildlife and national parks and sanctuaries.</li></ul>

		<b>Vegetation and Wildlife.</b>	
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**MONTH AND NO OF WORKING DAYS- AUGUST (23 days)**

<b>S.N O.</b>	<b>CHAPTER</b>	<b>METHODOLOGY</b>	<b>LEARNING OUTCOMES</b>
12	The First War of Independence 1857	<ul style="list-style-type: none"> <li>● Discussion method followed by a video.</li> <li>● <a href="https://www.youtube.com/watch?v=f4MarLYP68k">https://www.youtube.com/watch?v=f4MarLYP68k</a></li> <li>● Discussion method</li> <li>● Role play</li> <li>● Map Activity</li> </ul>	<ul style="list-style-type: none"> <li>● Understand the causes of 1857 revolt, its nature, important centres and leaders involved in the revolt.</li> <li>● Assess the reasons for the failure of the 1857 revolt.</li> <li>● Appreciate the outcome of the Revolt known as First War of Independence.</li> </ul>
13	Agriculture	<ul style="list-style-type: none"> <li>● Discussion method through mind map.</li> <li>● Flow charts will be used to categories geographical factors of agriculture.</li> <li>● Flash card will be shown to students of different type of crops student will make flowchart in their notebook.</li> </ul>	<ul style="list-style-type: none"> <li>● Understand the meaning and importance of agriculture.</li> <li>● Classify different crops on the basis of geographical condition and main areas of the production.</li> <li>● Compare the development of agriculture in developed and developing countries (USA and India)</li> </ul>
14	The Union Government: The Judiciary	<ul style="list-style-type: none"> <li>● Interactive lecture.</li> <li>● Questioning method.</li> <li>● Activity method and videos</li> </ul>	<ul style="list-style-type: none"> <li>● Understand the concept and importance of an independent judicial system in India.</li> <li>● Know about the jurisdiction and functions of Supreme Court, High Court and Subordinate Court.</li> </ul>

**MONTH AND NO OF WORKING DAYS- SEPTEMBER (25 days)**  
**REVISION**

**MONTH AND NO OF WORKING DAYS-OCTOBER (17 days)**

S.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
15	Impact of British Rule in India	<ul style="list-style-type: none"><li>• Activity Method</li></ul>	<ul style="list-style-type: none"><li>• Recognise the role of different social evils existing in the Indian society</li><li>• Assess the impact of social reforms on Indian society.</li></ul>
16	The Nationalist Movement (1870-1947)	<ul style="list-style-type: none"><li>• Video presentation method</li><li>• Explanation method</li><li>• Questioning method and interactive lecture method.</li><li>• Map activity</li><li>• Role play</li></ul>	<ul style="list-style-type: none"><li>• Assess the circumstances that led to the formation of Indian National Congress.</li><li>• Recognise the role of moderates and radicals in the Indian freedom struggle.</li><li>• Appreciate the role of Mahatma Gandhi, Subhash Chandra Bose, contribution of various national leaders and the significance of mass movement.</li></ul>
17	India Marches Ahead	<ul style="list-style-type: none"><li>• Web chart of Foreign Policy.</li><li>• Symbols of National and Regional parties of India.</li></ul>	<ul style="list-style-type: none"><li>• Recall the main features of the Indian Independence Act 1947</li><li>• Explain the path of India's economic and agricultural growth.</li><li>• Highlight the main features of India's foreign policy and India Vision 2020.</li></ul>

**MONTH AND NO OF WORKING DAYS- NOVEMBER (24 days)**

<b>S.NO.</b>	<b>CHAPTER</b>	<b>METHODOLOGY</b>	<b>LERNING OUTCOMES</b>
18	Manufacturing Industries	<ul style="list-style-type: none"><li>• Discussion method</li><li>• Flowchart</li><li>• Map activity</li></ul>	<ul style="list-style-type: none"><li>• Understand the meaning of manufacturing industry, Industrial development, industrial region, Information Technology, classify industries and understand the factors that influence location of an industry.</li></ul>
19	Human Resources	<ul style="list-style-type: none"><li>• With the help of pie chart, bar graph the density of population and growth of population in India will be shown.</li></ul>	<ul style="list-style-type: none"><li>• Explain the concept of human resource and the factors affecting distribution and density of population.</li><li>• Understand the various attributes of composition of population i.e. age structure, sex ratio and literacy rate.</li></ul>
20	Colonialism: Rural and Urban Changes	<ul style="list-style-type: none"><li>• Story telling method.</li><li>• Video Presentation method</li><li>• Questioning method.</li></ul>	<ul style="list-style-type: none"><li>• Understand the process of urbanization of Calcutta and Delhi.</li><li>• Recognise the reasons for introduction of railways by the British in India.</li><li>• Assess the impact of the British policies on Indian painting literature and architecture.</li></ul>

**MONTH AND NO OF WORKING DAYS- DECEMBER (26 days)**

S.NO.	CHAPTER	METHODOLOGY	LEARNING OUTCOMES
21	Safeguarding the Marginalised	<ul style="list-style-type: none"><li>• Discussion method</li><li>• Power Point Presentation</li></ul>	<ul style="list-style-type: none"><li>• Understand the concept of Social Justice, problems faced by marginalized groups and the steps taken for their welfare.</li><li>• Analyse the importance of policy of reservation.</li></ul>
22	Social Justice and the Marginalised	<ul style="list-style-type: none"><li>• Discussion method followed by video</li><li>• <a href="https://www.youtube.com/watch?v=0uc9g2CnJek">https://www.youtube.com/watch?v=0uc9g2CnJek</a></li></ul>	<ul style="list-style-type: none"><li>• Appreciate the steps taken by the government for the Welfare of the minorities and the marginalized group.</li></ul>

**MONTH AND NO OF WORKING DAYS- JANUARY (18 days)**

- Revision
- Preparatory Exam

**MONTH AND NO OF WORKING DAYS- FEBRUARY (22 days)**

- Revision
- Annual Examination



## पाठ्यक्रम 2022-23

### विषय - संस्कृतम्

### अष्टमी

#### अधिगम – उद्देश्यानि (Learning Objectives)

1. छात्रेषु सद्विचाराणां वृद्धिः भविष्यति।
2. छात्राः देशस्य आदर्श नागरिकाः भविष्यन्ति।
3. ते संस्कृत-संस्कृतेश्च ज्ञानं प्राप्तुं समर्थाः भविष्यन्ति।
4. भाषायाः अस्तित्वं सौन्दर्यं च ज्ञास्यन्ति।

#### मासम् - अप्रैल

कार्यदिवसाः - 27

पाठः	शिक्षणविधिः	अधिगम-सम्प्राप्तिः
(1) सुवचनानि (2) वसुधैव कुटुम्बकम्  व्याकरणम् • सन्धिः - दीर्घ, गुणसन्धिः • उपसर्गाः • संख्याः (1-30 पर्यन्तम्) • अव्ययपदानि • तत्पुरुष समास, द्वन्द्व समास (परिचयः)	आदर्शवाचनम् अनुकरणवाचनम् संगीतात्मकम्	-भाषां प्रति रुच्योत्पादनम् -विश्वबन्धुत्वस्य-भावनोत्पादनम्

गतिविधिः - अव्ययपदानि

#### मासम् - मई

कार्यदिवसाः - 16

पाठः	शिक्षणविधिः	अधिगम-सम्प्राप्तिः

<p>शब्दरूपाणि - (बालक, लता, फल, किम्)</p> <p>व्याकरणम्</p> <ul style="list-style-type: none"> <li>धातुरूपाणि - पठ्, गम्, कृ, नम्, पा (पञ्चलकारेषु अभ्यासः)</li> <li>प्रत्ययाः - क्त्वा, ल्यप्</li> </ul>	<p>आदर्शवाचनम् अनुकरणवाचनम् स्मारणात्मकम्</p>	<p>व्याकरण-बोधः</p>
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गतिविधिः - संख्याप्रयोगः

मासम् - जुलाई  
- 24

कार्यदिवसाः

पाठः	शिक्षणविधिः	अधिगम-सम्प्राप्तिः
<p>(3) अहम् नदी अस्मि (4) क्षमस्व महर्षे क्षमस्व! (5) दिव्या गीर्वाण भारती</p> <p>व्याकरणम्</p> <ul style="list-style-type: none"> <li>शतृ-प्रत्ययः</li> </ul>	<p>आदर्शवाचनम् अनुकरणवाचनम् दृष्टान्त-माध्यमेन</p>	<ul style="list-style-type: none"> <li>भारतीय नदीनाम् परिचयः</li> <li>स्वच्छता बोधः</li> <li>संस्कृत कविनाम् परिचयः</li> </ul>

गतिविधिः - पत्रपूर्तिः

मासम् - अगस्त  
- 23

कार्यदिवसाः

पाठः	शिक्षणविधिः	अधिगम-सम्प्राप्तिः
<p>(6) मधुराणि वचनानि</p>	<p>आदर्शवाचनम् अनुकरणवाचनम्</p>	<ul style="list-style-type: none"> <li>जननीजन्मभूमिम् प्रति श्रद्धोत्पादनम्</li> </ul>

व्याकरणम् • चित्रवर्णनम्, पत्रपूर्ति: • अपठित-अवबोधनम्	दृष्टान्त-माध्यमेन	• भाषान्तर्गत-वाक्यनिर्माणम्
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गतिविधि: - चित्रवर्णनम्

मासम् - सितम्बर  
कार्यदिवसा: - 25

पाठः	शिक्षणविधि:	अधिगम-सम्प्राप्ति:
• पुनरावृत्ति: अभ्यासः • परीक्षार्थ-सज्जा • मूल्यांकनम्	कक्षा - परीक्षा पुनःपाठनम् प्रश्नोत्तरसंवाद-माध्यमेन	पाठितांशानां पुनर्बोधः

गतिविधि: - अपठित-अवबोधनम्

मासम् - अक्टूबर  
कार्यदिवसा: - 17

पाठः	शिक्षणविधि:	अधिगम-सम्प्राप्ति:
(7) सफलं तस्यजीवितम् (8) क्रोधेन कार्यं न सिध्यति व्याकरणम् • यण सन्धि: • वृद्धि: सन्धि: • शब्दरूपाणि, धातुरूपाणि • संख्या: - (51 - 100)	आदर्शवाचनम् अनुकरणवाचनम् श्लोकगानपद्धत्या	• सद्गुणानां विवर्धनम् • संस्कृत श्लोकानां, गीतानां-गायने सामर्थ्याभावः । • व्याकरणज्ञान-सम्प्राप्तिः ।

गतिविधि: - सन्धिकार्यम्

मासम् - नवम्बर

कार्यदिवसा: - 24

पाठः	शिक्षणविधि:	अधिगम-सम्प्राप्ति:
(9) अविश्वस्ते न विश्वसेत् (10) गुणाः पूजास्थानम्  व्याकरणम् • अव्ययाः, प्रत्ययाः • उपपदविभक्तयः	आदर्शवाचनम् अनुकरणवाचनम्	<ul style="list-style-type: none"><li>• संघे शक्त्या महत्त्वम्</li><li>• 'परोपकार' आदिनां गुणानां विवर्धनम्</li><li>• व्याकरणज्ञानविवर्धनम्</li></ul>

गतिविधि: - उपपद-विभक्ति:

मासम् - दिसम्बर

कार्यदिवसा: - 26

पाठः	शिक्षणविधि:	अधिगम-सम्प्राप्ति:
(11) हितं मनोहारि च दुर्लभं वचः (12) स्वाध्यायात् मा प्रमदः  व्याकरणम् • उपसर्गाः • समासश्च	आदर्शवाचनम् अनुकरणवाचनम् व्याख्यानात्मकम्	<ul style="list-style-type: none"><li>• जीवनोपयोगिनां ध्येयवाक्यानां बोधनम्</li><li>• दुर्गुणान् प्रति अश्रद्धोत्पादनम्</li><li>• समासज्ञानम्</li></ul>

गतिविधि: - प्रत्ययाः

मासम् - जनवरी

कार्यदिवसाः - 18

पाठः	शिक्षणविधिः	अधिगम-सम्प्राप्तिः
<ul style="list-style-type: none"><li>पत्रपूर्तिः, चित्रवर्णनम्</li><li>अपठित-अवबोधनम्</li></ul>	आदर्शवाचनम् अनुकरणवाचनम् अशुद्धिसंशोधनम्	परीक्षार्थ-सज्जा

गतिविधिः - समासाः

मासम् - फरवरी

कार्यदिवसाः - 22

पाठः	शिक्षणविधिः	अधिगम-सम्प्राप्तिः
पुनरावृत्तिः अभ्यासः	प्रश्नोत्तरमाध्यमेन अशुद्धिसंशोधनम्	परीक्षासाकल्यार्थम्

CURRICULUM (2022- 2023)

CLASS VIII

SUBJECT - GK

Learning Objectives -

- Possessing a good GK is a prerequisite to being a respected person in life.
- To increase general awareness on current affairs.
- To develop knowledge and generate curiosity.
- To stimulate a child's observation skills.
- To develop problem solving skills.

- To inculcate newspaper reading

April	<ul style="list-style-type: none"> <li>●Language and Literature ( Page no.1 to 10)</li> <li>●Environment Around (Page no. 21 to 36)</li> <li>●Discussion on Current Affairs</li> </ul>
May	<ul style="list-style-type: none"> <li>●World Around (Page no.54 to 65)</li> <li>●Discussion on Current Affairs</li> </ul>
July	<ul style="list-style-type: none"> <li>●Art and Culture (Page no.78 to 90)</li> <li>●Math and Magic (Page no.104 to 119)</li> <li>●Discussion on Current Affairs</li> </ul>
August	<ul style="list-style-type: none"> <li>●Sports and Games (Page no. 136 to 147)</li> <li>●Discussion on Current Affairs</li> </ul>
September	<ul style="list-style-type: none"> <li>●Revision for 1st Term</li> </ul>
October	<ul style="list-style-type: none"> <li>●Language and Literature ( Page no.11 to 20)</li> <li>●Environment Around (Page no. 37 to 53)</li> <li>●Discussion on Current Affairs</li> </ul>
November	<ul style="list-style-type: none"> <li>●World Around</li> </ul>

	<p>(Page no.66 to77)</p> <ul style="list-style-type: none"> <li>● Art and Culture</li> </ul> <p>(Page no.91 to 103)</p> <ul style="list-style-type: none"> <li>● Discussion on Current Affairs</li> </ul>
December	<ul style="list-style-type: none"> <li>●Math and Magic</li> </ul> <p>(Page no.120 to 135)</p> <ul style="list-style-type: none"> <li>●Discussion on Current Affairs</li> </ul>
January	<ul style="list-style-type: none"> <li>●Sports and Games</li> </ul> <p>(Page no. 148 to 158)</p> <ul style="list-style-type: none"> <li>●Discussion on Current Affairs</li> </ul>
February	<ul style="list-style-type: none"> <li>●Revision for Annual Exam</li> </ul>

### 8<sup>th</sup> Class Art and Craft (Activity)

Session 2022-23

Syllabus

1<sup>st</sup> Term

Learning Objective

The students are able to develop the aesthetic sense, appreciate the beauty in lines, forms and colours. The students will get to know the wide range of artistic impressions, the media and tools used. the students would be acquainted with brief glimpses of the development of Indian visual arts.

April

Different types of Object drawing

Basket making with newspaper

May

Still life

Collage

**July**

**Worli Art**

**Human figures in stick drawing**

**August**

**Study of human figures in action**

**Card Making**

**September**

**Landscape and cityscape in water colours**

**Cartoon making**

**October**

**Accident scene**

**Vandanwar, Diyas**

**November**

**Platform scene**

**Bottle decoration**

**December**

**Bird Sanctuary**

**Best out of waste project**

**January**

**Different seasons in landscape**

**Mat weaving**



February

Completion of work

Subject: Music & Dance

Class: VIII

Objectives:

1. Simple and light songs and Prayers
2. Use simple Hindi and English language

CONTENT	TEACHING AIDS	METHODOLOGY	LEARNING OUTCOMES
April:- One Devotional Song and One Classical Dance	Harmonium and Tabla	Memorizing Singing and Dancing steps	Developing singing and dancing skills
May:- One New Patriotic Song and One Folk Dance	Harmonium and Tabla	Singing the Notes and Dancing steps Individually	Honing the singing skills and Taal
July:- One Bhajan and One Rajasthani Folk Dance	Harmonium and Tabla	Get to know the community songs and dance	Developing rhythmic sense and feeling patriotism
August:- Preparation for Independence Day celebration	Harmonium and Tabla	They will learn group songs and dance	Developing the sense of Patriotism
September:- One folk song and a Gujrati folk Dance	Harmonium and Dholak	Refine singing and dancing	Enjoy the folk songs and dance

<b>October:- Two New Arya Samaj Songs and One Garhwali Dance</b>	<b>Harmonium, Manjeera and Drum</b>	<b>They will learn Classical Music and Folk Dance</b>	<b>Traditional Music and Dance</b>
<b>November:- Preparation for Inter-School competitions</b>	<b>Harmonium and Tabla</b>	<b>More and more practise for competition</b>	<b>Exposure and Experience</b>
<b>December:- Christmas carols and dances</b>	<b>Casio and Drum</b>	<b>Practise for perfection</b>	<b>Exposure and Experience</b>
<b>January:- Preparation for Republic Day celebration</b>	<b>Harmonium and Tabla</b>	<b>Practice for perfection</b>	<b>Performance and stage experience</b>
<b>February:- Revision of all the previous songs and dances</b>	<b>All the previously used instruments</b>	<b>Perfection</b>	<b>Garnished Singing</b>