

## Month's Overview

Class: 5		1st April - 22nd April 2021
<b>Subject</b>	<b>Concepts and Skills</b>	
<b>EVS</b>	<p><b>Theme- Matter</b></p> <p><b>Central Idea:</b> Changing properties of matter determine their usage.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Arrangement of particles in states of matter</li> <li>• Changes in states of matter</li> <li>• Application of matter in real life</li> <li>• Separation techniques for solutions and mixtures</li> </ul> <p><b>Revision and recap of all themes</b></p>	
<b>ENGLISH</b>	<p><b>Phonics and Vocabulary</b></p> <ul style="list-style-type: none"> <li>• Recognise common letter strings in words pronounced differently</li> <li>• Use dictionaries efficiently and carry out IT spell checks</li> <li>• Collect synonyms and opposites and investigate shades of meaning</li> <li>• Use a thesaurus to extend vocabulary and the choice of words</li> <li>• Investigate ways of creating opposites (e.g. 'un', 'im') and comparatives (e.g. 'er', 'est')</li> <li>• Use effective strategies for learning new spellings and mis-spelt words</li> <li>• Use known spellings to work out the spelling of related words</li> <li>• Investigate the meaning and spelling of common prefixes (e.g. auto-, bi-, trans-)</li> <li>• Identify unstressed vowels in polysyllabic words (e.g. carpet, interest)</li> </ul>	

- Identify unfamiliar words, explore definitions and use new words in context
- Investigate the origin and appropriate use of idiomatic phrases.
- Discuss metaphorical expressions and figures of speech
- Investigate patterns in the use of single and double consonants (e.g. full / ful)

### **Grammar and Punctuation**

- Practise proof reading and editing writing for clarity and correctness
- Understand conventions of Standard English
- Place full stops correctly at the end of complex sentences.
- Use pronouns (including possessive and reflexive pronouns) making clear to what or to whom they refer
- Learn to identify subject verb agreement accurately and use it accurately

### **Reading**

- Read widely and explore the features of different genres (poetry, fiction & non-fiction).
- Locate information confidently and efficiently from different sources
- Skim-read to gain overall sense of a text and scan for specific information
- Develop note taking to extract key points and to group and link ideas
- Explore the features of texts which recount events and experiences (e.g. diaries)
- Read narrative poems and perform/read aloud poems in a variety of ways
- Interpret imagery, adding to understanding of the text beyond the literal
- Read poems by significant poets and compare style, form and themes

	<p><b>Writing</b></p> <ul style="list-style-type: none"> <li>● Review, revise and edit writing in order to improve it, using IT as appropriate</li> <li>● Choose words and phrases carefully to convey feeling and atmosphere</li> <li>● Map out writing to plan structure of the response (e.g. paragraphs, sections and chapters)</li> <li>● Make notes for different purposes using simple abbreviations</li> <li>● Understand the use of notes in writing in your own words</li> <li>● Evaluate own and others writing</li> <li>● Write non-chronological reports and explanation</li> </ul>
<p><b>MATHS</b></p>	<p><b>Number Sense</b></p> <ul style="list-style-type: none"> <li>● Multiply and divide a fraction by a whole number</li> <li>● Multiply two or more fractions or mixed numbers</li> <li>● Factorise whole numbers by prime factorisation and Common division</li> <li>● Understand the reciprocal of a fraction</li> <li>● Divide a whole number by a fraction</li> <li>● Divide one fraction or mixed number by a counting number or another fraction or mixed number</li> <li>● Solve problems involving comparing, addition, subtraction, multiplication and division of fractions or mixed numbers</li> <li>● Find the Highest Common Factor and Lowest Common multiple using prime factorisation and Common division method</li> <li>● Demonstrate the understanding of and use of decimals upto 3 decimal places, including place value and expanded form</li> <li>● Convert fractions into decimals and vice versa</li> <li>● Express common fractions as decimals</li> </ul>

- Compare decimals upto 3 decimal places and arrange decimals in ascending and descending order
- Add and subtract decimals up to 3 decimal places with and without regrouping.
- Demonstrate understanding of a percent as parts of a hundred and the representation of a percent as %
- Express a fraction (denominator a factor of 100) as a percent and then as a decimal (using squares divided into 100 parts)
- Convert a percent into a decimal and into a fraction in lowest terms
- Convert decimals as percents and certain fractions as percents
- Convert a counting number into a percentage
- Solve daily life problems involving money, time, and metric units of length, weight and capacity with the use of percentage

#### **Measurement**

- Estimate and measure perimeter of a rectangle, square or a triangle
- Find area of rectangular or square region using any strategy
- Find volume of cube and cuboid
- Understand connection between area and volume

#### **Geometry**

- Understand and use angle measure in degrees
- Classify the different kinds of triangles, understand their properties (scalene, isosceles, equilateral, acute, obtuse, and right triangles) and construct them

	<p><b>Data handling</b></p> <ul style="list-style-type: none"> <li>● Read information on given bar graph (single and double), tally chart and pictograph</li> <li>● Solve sums based on bar graph</li> <li>● Create a bar graph, tally chart or a pictograph from the given data</li> </ul>
<p><b>HINDI</b></p>	<p><b>Listening and speaking</b></p> <ul style="list-style-type: none"> <li>● Talk confidently and listen purposefully in a range of contexts</li> <li>● Develop confidence in performing (e.g. a play, a poem etc.)</li> <li>● Listen purposefully in a range of contexts (questions, instructions, discussions, stories, audios, etc.)</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>● Understand homophones and their usage in Language</li> <li>● Read and evaluate unseen passages to draw logical connections</li> <li>● Give Grammatically correct answers.</li> </ul> <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>● Read aloud according to all matras, appropriate punctuation, pronunciation and Expression</li> <li>● Read widely and explore the features of different genres (poetry, fiction &amp; non-fiction).</li> <li>● Analyse openings and compare the structure of different stories</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>● Choose words and phrases carefully to convey feeling and atmosphere while writing on their experiences</li> <li>● Review, revise and edit writing in order to improve it</li> </ul>

	<ul style="list-style-type: none"> <li>• Evaluate own and others writing</li> </ul>
<b>ICT</b>	<p><b>Skills</b></p> <ul style="list-style-type: none"> <li>• Be able to learn about history of computers</li> <li>• Be able to learn about advantages and limitations of computer</li> </ul>
<b>GUJARATI</b>	<p><b>Listening and speaking</b></p> <ul style="list-style-type: none"> <li>• Ask questions to develop ideas and extend understanding</li> <li>• Listen purposefully in a range of contexts (questions, instructions, discussions, stories, audios, etc.)</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Give grammatically correct answers</li> </ul> <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>• Read aloud according to all matras, appropriate punctuation, pronunciation and expression</li> <li>• Read widely and explore the features of different genres (poetry, fiction &amp; non-fiction)</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>• Write correct sentences while following grammatical rules</li> </ul>

## List of Vocabulary for the Coming Month

Solid  
Liquid  
Gases  
Reversible change  
Irreversible change  
Evaporation  
Condensation  
Melting  
Freezing  
Dissolving  
Sublimation  
Heating  
Mixing  
Burning  
Water cycle  
Expansion  
Contraction  
Physical Change  
Chemical Change  
Solution  
Solvent  
Solute  
Solubility  
Saturated Solution  
Miscible liquid  
Immiscible liquid  
Homogeneous mixtures  
Heterogeneous mixtures  
Filtration  
Sedimentation  
Decantation  
Supernatant  
Handpicking  
Winnowing  
Sieving  
Threshing  
Auburn  
Deliberately

Precarious

Jaunty

Disperse

Scurry past

Disguise

Impulse

Celsius

Fahrenheit

Quadrilaterals

Rhombus

Parallelogram

Polygons

Capacity

Radius

Diameter

Chord

Arc