

## Month's Overview

Class: 5

9<sup>th</sup> December - 10<sup>th</sup> January 2019-20

Subject

Concepts and Skills

EVS

**Theme: Governance and Systems - II**

**Central Idea:** Our government functions at different levels for the effective management of our country.

**Lines of Inquiry:**

- Formation and structure of our Government
- Structure of our Rural and Urban Society
- Role and Functions of the Government at the urban and rural levels
- Our responsibility towards public property

**Project: Light, Shadows and Reflection**

**Central Idea:** Light comes from various sources and its movement causes shadow, reflection, refraction and dispersion.

**Lines of Inquiry:**

- Light comes from various natural and artificial sources
- Obstruction to light depends on the type of material it passes through
- Alignment of heavenly bodies casts shadows
- Light gets reflected in different ways depending on the surface type
- Light can bend depending on the medium

	<ul style="list-style-type: none"> <li>• White light can split into seven colours</li> </ul>
<p><b>ENGLISH</b></p>	<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>• 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>• Identify unfamiliar words, explore definitions and use new words in context</li> </ul> <p><b>Grammar and Punctuation</b></p> <ul style="list-style-type: none"> <li>• Practise proof reading and editing writing for clarity and correctness</li> <li>• Understand conventions of Standard English</li> <li>• Place full stops correctly at the end of complex sentences.</li> <li>• Understand the difference between direct and reported speech</li> <li>• Learn how dialogue is set out and punctuated</li> </ul> <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>• Read widely and explore the features of different genres (poetry, fiction &amp; non-fiction)</li> <li>• Locate information confidently and efficiently from different sources</li> </ul>

	<ul style="list-style-type: none"> <li>• Skim-read to gain overall sense of a text and scan for specific information</li> <li>• Develop note taking to extract key points and to group and link ideas</li> <li>• Read and evaluate non-fiction texts for purpose, style, clarity and organization</li> <li>• Look for information in non-fiction texts to build on what is already known</li> </ul> <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>• Describe events and convey opinions with increasing clarity</li> <li>• Record ideas, reflections and predictions about books (e.g. in a reading log)</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>• Draft and write letters for real purposes</li> <li>• Evaluate own and others writing</li> </ul>
<p><b>MATH</b></p>	<p><b>Number Sense</b></p> <ul style="list-style-type: none"> <li>• Demonstrate understanding of a percent (&lt;100%) as parts of a hundred</li> <li>• Express a fraction (denominator a factor of 100) as a percent</li> </ul>

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**

- Find area of rectangular or square region using any strategy
- Calculate the area of shapes formed from rectangles and squares in  $\text{cm}^2$ ,  $\text{m}^2$  and  $\text{km}^2$
- Estimate and measure perimeter of a rectangle, square or a triangle

#### **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

#### **Data handling**

- Create a bar graph, tally chart or a pictograph from the given data
- Arrange data in columns and rows using appropriate scales on the x and y axis

<p><b>HINDI</b></p>	<p><b>Listening and speaking</b></p> <ul style="list-style-type: none"> <li>• Describe events and convey opinions with increasing clarity</li> <li>• Shape and organise ideas clearly when speaking.</li> <li>• Ask questions to develop ideas and extend understanding</li> <li>• Report back to a group, using notes and present findings about a topic studied</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Identify and use one word for a group of words rhyming words,gender and vachan</li> <li>• Understand homophones and their usage in Language</li> <li>• Give grammatically correct answers</li> </ul> <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>• Read widely and explore the features of different genres (poetry, fiction &amp; non-fiction).</li> <li>• Identify the point of view from which a story is told</li> <li>• Interpret imagery, adding to understanding of the text beyond the literal</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>• Write small essays (150 words), and small poems</li> <li>• Choose words and phrases carefully to convey feeling and atmosphere while writing on their experiences</li> <li>• Write character sketches (based on lessons or stories), using details to capture the reader's imagination</li> </ul>
<p><b>Gujarati</b></p>	<p><b>Listening and speaking</b></p> <ul style="list-style-type: none"> <li>• Listen and learn the new words while conversing in Gujarati</li> </ul>

(Names of colors, birds, animals, fruits, vegetables, days, body parts, numbers name)

- 'OO' matra na shabdo
- Re-tell stories with appropriate use of story language
- Join in and extend rhymes and refrains, playing with language patterns

#### **Grammar and punctuation**

- Recognize the concepts of swaras and vyanjans and be able to speak it in a proper way
- Differentiate between swaras and vyanjans
- Identify the difference between NANI and MOTI matra words (a, aa, I, ee)
- Identify gender and rhyming words
- Understand the difference between one and many.(vachan)
- Know that the end of a sentence is marked with a full stop

#### **Reading**

- Read a range of common words on sight
- Read sentences with and without matras introduced in the class
- Read new words, vyanjans and swaras introduced in class (two, three and four letter words) also when the words appears in advertisement, newspaper, articles and cartoon stories
- Identify the difference between 'shuddha' and 'ashuddha' words while reading
- Read a range of books (fiction and non fiction), discussing preferences

	<ul style="list-style-type: none"> <li>• Anticipate what happens next in the story</li> <li>• Read familiar and simple stories and poems and relate words said and read</li> <li>• Identify and discuss characters and dialogue</li> <li>• Recognize story elements(eg beginning,middle and end)</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>• Compose and write simple sentences with full stop</li> <li>• Spell familiar common words accurately,drawing on sight vocabulary</li> <li>• Write names of animals, birds, colors, body parts, vegetables, fruits, days, seasons, direction, animals, birds, dates</li> </ul>
<b>ICT</b>	<p><b>Skills</b></p> <ul style="list-style-type: none"> <li>• Computer Hardware and software-Types of software</li> <li>• Different Application software and its uses</li> <li>• System software and its types</li> <li>• Features and components scratch</li> <li>• Programming in scratch</li> <li>• Creation and games and project using scratch</li> </ul>

## List of Vocabulary for the Coming Month

Governance  
Constitution  
Municipality  
Municipal corporation  
Gram panchayat  
Mayor  
President  
Election commission  
Responsibilities  
Parliament  
Lok sabha  
Rajya sabha  
Light  
Shadow  
Reflection  
Refraction  
Inclined plane  
Reflected ray  
Parallel ray  
Inverted  
Least Common Multiple  
Highest Common Factor  
Prime numbers  
Composite numbers  
Factorisation  
Percentage  
Profit  
Loss  
Capacity  
Teaspoon  
Tablespoon  
Scale  
Volume  
Estimation