

## Month's Overview

Class: 6

13<sup>th</sup> January to 14<sup>th</sup> February 2020

Subject	Concepts and Skills
EVS	<p><b>Project: Electricity and Magnetism</b></p> <p><b>Central Idea:</b> Electricity and magnetism are physical phenomena that have wide ranging applications.</p> <p><b>Lines of Enquiry:</b></p> <ul style="list-style-type: none"> <li>• Sources of electricity</li> <li>• How electricity works and is useful</li> <li>• Properties of magnet and magnetism</li> <li>• Uses of magnet</li> <li>• Relation between electricity and magnet and is put to use by man</li> <li>• Earth as a magnet</li> </ul>
ENGLISH	<p><b>Phonics, spelling and vocabulary</b></p> <ul style="list-style-type: none"> <li>• Continue to learn words, apply patterns and pursue accuracy in spelling</li> <li>• Develop knowledge of word roots, prefixes and suffixes to support spelling</li> <li>• Explore definitions and shades of meaning and use new words in context</li> <li>• Explore proverbs, sayings and figurative expressions</li> <li>• Grammar and punctuation</li> </ul>

- Revise language conventions (sentence structure, grammar, punctuation, capitalization and spelling) and grammatical features of different types of text - declarative, interrogative, imperative and exclamatory
- Develop grammatical control of simple, compound and complex sentences, manipulating them for effect
- Use punctuation effectively to mark out the meaning in complex sentence
- Use tenses accurately in their written work including perfect continuous tenses

### **Reading**

- Develop familiarity with the work of established authors and poets
- Discuss and express preferences in terms of language style and themes
- Look for implicit as well as explicit meanings and to make plausible inferences
- Articulate personal responses to reading with close reference to the text
- Analyze the success of writing in evoking particular moods (e.g. Suspense)
- Take account of viewpoint in a novel and distinguish author and narrator
- Distinguish between fact and opinion in a range of text and other media
- Explore autobiography and biography and first and third

	<p>person narrations</p> <ul style="list-style-type: none"> <li>Analyze how paragraphs and chapters are structured and linked</li> <li>Compare the language, style and impact of a range of non-fiction writing</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>Use different genres (fact, fiction, letter, invitation) as models for writing</li> <li>Develop skills of writing biography, and autobiography in role</li> <li>Use the styles and conventions of journalism to write reports on events</li> <li>Write non-chronological reports linked to work in other subjects</li> <li>Select appropriate non-fiction style and form to suit specific purposes</li> <li>Use paragraphs, sequencing and linking them appropriately in fiction and non-fiction writing</li> <li>Use IT effectively to prepare and present writing for publication</li> </ul>
<p><b>MATH</b></p>	<p><b>Number System</b></p> <ul style="list-style-type: none"> <li>Understand addition, subtraction, and properties of integers and apply them in daily life situations</li> <li>Compute, compare and apply operations on fractions to solve sums /problems</li> <li>Solve problems involving addition, subtraction, multiplication and division skills learnt for decimals</li> </ul>

- Understand percent as a fraction with 100 as denominator and its application in various situations
- Understand the term proportion and represent it using concrete objects, drawings, etc.
- Solve simple and direct word problems ( related to unitary method) / sums on ratio (i) simplify a ratio ii) compare two ratios iii) divide a given quantity in a given ratio)
- Solve problems on calculating speed, distance and time.

#### **Algebra**

- Find the unknown variable in a linear equation using two (addition and subtraction) operations

#### **Geometry**

- Construct using ruler and compass i.) an angle of given measures ii) an angle equal to a given angle, iii) bisection of an angle, iv) perpendicular bisector of line segment v) perpendicular to a line from a point not on the line vi) at a point on the line

#### **Measurement**

- Find area of rectangular or square region using units like mm<sup>2</sup>, cm<sup>2</sup>, m<sup>2</sup> and km<sup>2</sup>

#### **Data Handling**

- Read and create simple bar graphs and double bar graphs for the given data

## HINDI

### Listening and speaking

- Speak confidently in formal and informal contexts
- Prepare, practice and improve a spoken presentation or performance
- Use spoken language well to persuade, instruct or make a case (e.g. in a debate)
- Differentiate between local accents (colloquial) and shudh Hindi
- Extend and follow up on ideas, asking and answering questions thoughtfully

### Grammar and punctuation

- Identify and use one word for a group of words, rhyming words, gender and vachan
- Understand the homophones and their usage in language
- Understand synonyms, antonyms, prefix, suffix, spelling mistakes (vartani ki ashudhiyan), use of dictionary, word formation (joining and compound)
- Give grammatically correct answers and use appropriate punctuation marks (Prashna vachak, Purn Viram, Ardh Viram, Uddharan chinha, Yojak and Vismaybodhak chinha)
- Differentiate between 'Ri' and 'Rii' (Rishi)

### Reading

- Discuss and express preferences in terms of language style and themes
- Look for direct as well as inferred meanings and to make logical inferences

	<ul style="list-style-type: none"> <li>• Analyze the success of writing in evoking particular moods (e.g. Suspense)</li> <li>• Explore how poets manipulate and play with words and their sounds</li> <li>• Compare the language, style and impact of a range of non-fiction writing (newspaper articles, advertisements, etc.)</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>• Write correct sentences while following grammatical rules</li> <li>• Write essays (150 words) and poems independently</li> <li>• Write about own experiences using a wide range of vocabulary (e.g: Diary writing)</li> <li>• Write picture composition using appropriate structure</li> </ul>
<b>Gujarati</b>	<p><b>Speaking and listening</b></p> <ul style="list-style-type: none"> <li>• Attempt to express ideas precisely using a growing vocabulary</li> <li>• Show awareness of the listener by including relevant details</li> <li>• Add a few sentences to a story sequence</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Identify synonyms, antonyms, gender, vachan noun, pronoun and their uses for language</li> <li>• Pay attention to basic grammar like gender, antonyms, and vachan during their reading session (story or poetry)</li> <li>• Identify the difference between 'shuddha' and 'ashuddha' words while reading</li> </ul>

	<ul style="list-style-type: none"> <li>• Understand the difference between ki and kii</li> <li>• Understand sanyukt akshar and Sanyukt vyanjan</li> <li>• Give grammatically correct answers and use proper punctuation marks</li> <li>• Reading</li> <li>• Read poems and comment on words, sounds, rhyme and rhythm</li> <li>• Find answers to questions by reading a section of text</li> <li>• Re-read own writing for sense and accuracy</li> <li>• Writing</li> <li>• Express their views in correct language (grammatically correct)</li> <li>• Write picture composition</li> </ul>
<p><b>ICT</b></p>	<p><b>Skills:</b></p> <p><b>MS Windows Publisher:</b></p> <ul style="list-style-type: none"> <li>• Understanding the uses of desktop publishing.</li> <li>• Window component, Manipulating the window using pictures.</li> <li>• Creating a new publication using different features</li> <li>• Usage of illustration tools.</li> <li>• Saving the publication</li> </ul> <p><b>Internet</b></p> <ul style="list-style-type: none"> <li>• Wireless services internet services, do's and don'ts of society networking, safety on internet, netiquettes, emailing, online communication, research skill.</li> </ul> <p><b>Scratch</b></p> <ul style="list-style-type: none"> <li>• Gaming and programming using scratch</li> </ul>

## List of Vocabulary for the Coming Month

Poles

Electric charge

Electric current

Dry cell

Coloumbs

Watts

Ampere

Volts

Potential difference

Circuit

Unit

Kilowatt hour

Switch

Conventional signs

Magnetic lines of force

Electrode

Electrolyte

Filament

Mean

Median

Perpendicular

Bisector

Factorization

HCF

LCM

Percentage

Proportion