

Month's Overview

Class: 6

9th December to 10th January 2019-20

Subject	Concepts and Skills
EVS	<p>Theme - Force, Energy and Motion</p> <p>Central Idea: Force, motion, pressure, energy and work lead to application in real life.</p> <p>Lines of Enquiry:</p> <ul style="list-style-type: none"> • Impact of various forces • Types of energy and motion • Sources of energy • Conservation of energy • Nature of pressure and work • Force, motion, work and energy are inter-connected <p>Project: Electricity and Magnetism</p> <p>Central Idea: Electricity and magnetism are physical phenomena that have wide ranging applications.</p> <p>Lines of Enquiry:</p> <ul style="list-style-type: none"> • Sources of electricity • How electricity works and is useful • Properties of magnet and magnetism • Uses of magnet

	<ul style="list-style-type: none"> • Relation between electricity and magnet and is put to use by man • Earth as a magnet
ENGLISH	<p>Phonics, spelling and vocabulary</p> <ul style="list-style-type: none"> • Continue to learn words, apply patterns and pursue accuracy in spelling • Further investigate spelling rules and exceptions • Investigate meanings and spellings of connectives • Explore word origins and derivations and the use of words from other languages • Explore definitions and shades of meaning and use new words in context • Understand changes over time in words and expression and their use • Explore proverbs, sayings and figurative expressions <p>Grammar and punctuation</p> <ul style="list-style-type: none"> • Revise different words classes - nouns, adverbs, verb, preposition, adjectives, conjunction, articles • Explore active and passive verbs within a sentence • Develop grammatical control of simple, compound and complex sentences, manipulating them for effect • Use tenses accurately in their written work including perfect continuous tenses <p>Reading</p> <ul style="list-style-type: none"> • 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
- Understand aspect of narrative structure such as the handling of time
- Explore autobiography and biography and first and third person narrations
- Analyze how paragraphs and chapters are structured and linked

Writing

- Develop skills of writing biography, and autobiography in role
- Write non-chronological reports linked to work in other subjects
- Summarize a passage, chapter or text in a given number of words
- Argue a case in writing, developing points logically and convincingly
- Write a balanced report of a controversial issue
- Select appropriate non-fiction style and form to suit specific purposes
- Use paragraphs, sequencing and linking them appropriately in fiction and non-fiction writing

	<ul style="list-style-type: none"> • Use IT effectively to prepare and present writing for publication
<p>MATH</p>	<p>Number System</p> <ul style="list-style-type: none"> • Create and write smallest and greatest numbers using a set of given digits • Understand addition, subtraction, and properties of integers and apply them in daily life situations • Compute, compare and apply operations on fractions to solve sums /problems • Compute, compare and apply all the operations (BODMAS, addition, subtraction, multiplication, division) with fractions to solve sums /problems • Understand percent as a fraction with 100 as denominator and its application in various situations • Understand term like antecedent and consequent in a ratio • 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) • Understand and define sets <p>Algebra</p> <ul style="list-style-type: none"> • Generate patterns from a given sample • Understand unknowns through examples in simple contexts (single operations)

	<ul style="list-style-type: none"> • Frame algebraic expressions • Evaluate value of algebraic expressions by substituting a number for the variable <p>Geometry</p> <ul style="list-style-type: none"> • Attempt to prepare solids using their nets • 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 • Identifying patterns in different types of lines <p>Measurement</p> <ul style="list-style-type: none"> • Find area and perimeter of rectangular or square region using units like mm², cm², m² and km² <p>Data Handling</p> <ul style="list-style-type: none"> • Read and create double bar graphs for the given data
<p>HINDI</p>	<p>Listening and speaking</p> <ul style="list-style-type: none"> • Prepare, practice and improve a spoken presentation or performance • Extend and follow up on ideas, asking and answering questions thoughtfully • Help to move group discussion forward (e.g. by clarifying, summarizing) • Vary vocabulary, expression and tone of voice to engage the

listener

Grammar and punctuation

- Differentiate between 'Ri' and 'Rii' (Rishi)
- Use all four forms of 'Ra' (Padon, Ref etc.) in words
- Understand the difference between ki and kii
- Identify verbs (types of verbs 'akarmak aur sakarmak kriya'), adjectives and types of adjectives (gun vachak, sankhya vachak, pariman vachak and sarvnamik visheshan)

Reading

- Explore how poets manipulate and play with words and their sounds
- Compare the language, style and impact of a range of non-fiction writing (newspaper articles, advertisements, etc.)
- Distinguish between fact and opinion in a range of text and other media
- Analyse how paragraphs and chapters are structured and linked

Writing

- Plan plot, characters and structure effectively in writing
- Frame own stories, with appropriate setting, characters and a suitable title
- Use the styles and conventions of journalism to write articles or news reports independently
- Explore autobiographies and write an autobiography using first person narration (75 words)

	<ul style="list-style-type: none"> • Evaluate own and others writing
Gujarati	<p>Speaking and listening</p> <ul style="list-style-type: none"> • Show confidence in speaking to a group • Articulate clearly <p>Grammar</p> <ul style="list-style-type: none"> • Understand the meaning and use of sanyukt akshar and jorakshar ,chandrabindu and anuswar, anunasik • Use all four forms of 'RA' in words.(ref) • Identify the difference between 'shuddha' and 'ashuddha' words while reading <p>Reading</p> <ul style="list-style-type: none"> • Read short Gujarati stories ,newspaper and picture books. • Read simple fiction and non fiction books independently. • Understand time and sequence in story narratives <p>Writing</p> <ul style="list-style-type: none"> • Spell common words accurately • Write short answer on their own. • Write simple and correct sentences in Gujarati
ICT	<p>Skills</p> <ul style="list-style-type: none"> • History of internet, different ways to get connected to internet • Wireless services internet services, do's and don'ts of society networking, safety on internet

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| | <ul style="list-style-type: none">• Manipulating image quality, photo editing using <i>GIMP</i>• Window component, importing image, creating shapes, background effects and colour adjustments• Tool box management, layers and saving |
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List of Vocabulary for the Coming Month

Force
Pressure
Kinetic energy
Potential energy
Rectilinear motion
Curvilinear motion
Translational motion
Directly proportional
Nuclear Energy
Gravity
Magnetism
Friction
Work
Energy
Mechanical energy
Renewable sources
Poles
Electric charge
Electric current
Dry cell
Coulombs
Watts
Ampere
Volts
Potential difference
Circuit
Unit
Motion
Rotational
Periodic
Antecedent
Consequent
Mean and Mode

