

Month's Overview

Class: 6	3rd January - 31st January 2022
Subject	Concepts and Skills
EVS	<p>Theme - Force, Energy and Motion</p> <p>Central Idea: Force, motion, pressure, energy and work lead to applications 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>Theme - 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 is electricity works and is useful ● Properties of magnet and magnetism ● Uses of Magnet ● Relationship between electricity and magnet and is put to use by man ● Earth as a magnet

ENGLISH**Phonics and Vocabulary**

- Continue to learn words, apply patterns and pursue accuracy in spelling.
- Explore definitions and shades of meaning and use new words in context
- Explore proverbs, sayings and figurative expressions

Grammar and Punctuation

- Revise different words classes- nouns, adverbs, verb, preposition, adjectives, conjunction, articles
- Revise language conventions (sentence structure, grammar, punctuation, capitalization and spelling) and grammatical features of different types of text- declarative, interrogative, imperative and exclamatory
- Use punctuation effectively to mark out the meaning in complex sentence
- Use direct and indirect speech appropriately
- Use tenses accurately in their written work

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)

	<ul style="list-style-type: none"> • Take account of a 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 person narrations • Analyze how paragraphs and chapters are structured and linked • Compare the language, style and impact of a range of non-fiction writing <p>Writing</p> <ul style="list-style-type: none"> • Use different genres (fact, fiction, letter, invitation) as models of writing • Plan plot, characters and structures effectively in writing and extend stories • The styles and conventions of journalism to write reports on events • Write non- chronological reports linked to work in other subjects • Select appropriate non-fiction style and form to suit specific purposes • Use paragraphs, sequencing and linking them appropriately in fiction and non-fiction writing • Use IT effectively to prepare and present writing for publication
MATHS	<p>Number system</p> <ul style="list-style-type: none"> • Understand percent as a fraction with 100 as denominator and its application in various situations • Compute (through unitary method) and apply percentage to solve sums and problems • Understand terms like antecedent and consequent in a ratio • Understand the term ratio and represent it using concrete

	<p>objects, drawings, etc.</p> <ul style="list-style-type: none"> ● Understand that when 2 ratios are equal to one another they are said to be in proportion ● 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 simple and direct word problems / sums on proportion <p>Algebra</p> <ul style="list-style-type: none"> ● Understand unknowns through examples in simple contexts (single operations) <p>Geometry</p> <ul style="list-style-type: none"> ● Classify quadrilaterals as trapezium, parallelogram, rectangle, square, rhombus ● Draw different types of triangles and quadrilaterals ● Recognize and name solid figures, the faces, edges, vertices (corners) of prism, pyramid, cone, cube, cuboid <p>Measurement</p> <ul style="list-style-type: none"> ● Measure perimeter and area of a rectangle, square, triangle <p>Data Handling</p> <ul style="list-style-type: none"> ● Read and create simple and double bar graphs for the given data
HINDI	<p>Listening and speaking</p> <ul style="list-style-type: none"> ● 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

Grammar

- 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, Ardha Viram, Uddharan chinha, Yojak and Vismaybodhak chinha)

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
- Analyze the success of writing in evoking particular moods (e.g. Suspense)
- 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.)

Writing

- Choose words and phrases carefully to convey feeling and atmosphere while writing on their experiences
- Write correct sentences while following grammatical rules
- Write essays (150 words) and poems independently
- Write about own experiences using a wide range of vocabulary (e.g: Diary writing)

	<ul style="list-style-type: none"> • Write picture composition using appropriate structure
ICT	<p>Skills</p> <ul style="list-style-type: none"> • Be able to work with presentation file • Be able to apply Animation and transition to the content • Be able to insert and edit audio and video clips • Be able to understand the categories of Computer • Be able to understand type of computer languages.
GUJARATI	<p>Listening and speaking</p> <ul style="list-style-type: none"> • Listen purposefully in a range of contexts (questions, instructions, discussions, stories, audios, etc.) • Listen carefully during discussions, contributing relevant comments and question • Extend and follow up on ideas, asking and answering questions thoughtfully • Help to move group discussion forward (e.g. by clarifying, summarizing) • Speak confidently in formal and informal contexts <p>Grammar</p> <ul style="list-style-type: none"> • Give grammatically correct answers and use appropriate punctuation marks (Prashna vachak, Purn Viram, Ardha Viram, • Understand the difference between ki and kii <p>Reading</p> <ul style="list-style-type: none"> • Read aloud according to all matras, appropriate punctuation, pronunciation and expression • Read widely and explore the features of different genres (poetry, fiction & non-fiction) • Read aloud any topic, unseen passage, story or news with expression

	<p>Writing</p> <ul style="list-style-type: none">• Write short and long answers (vistar me uttar dena) to convey information or opinions with increasing clarity• Write on any topic (using appropriate opening, middle and closure) elaborately and independently• Write correct sentences while following grammatical rules
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- Write on any topic (using appropriate opening, middle and closure) elaborately and independently
- Write correct sentences while following grammatical rules

List of Vocabulary for the Coming Month

Rectilinear motion
Curvilinear motion
Periodic motion
Non periodic motion
Pressure
Pascal
Poles
Electric charge
Electric current
Dry cell
Columbus
Watts
Ampere
Volts
Potential difference
Circuit
Unit
Kilowatt hour
Switch
Conventional signs
Magnetic lines of force
Electrode
Electrolyte
Filament
Traverse
Quaint
Prowling
Pewter
Chafing
Chicory
Congenial
Chivalric
Shaggy
Solicitously
Dreary
Gnarled
Scoffed
Dissolution
Crippled
Inevitably
Eternity
Precarious
Desolation

Rubble
Altered
Evacuation
Empathetic
Glimmer
Percentage
Linear
Equation
Substitution