

Month's Overview

Class: 4	4th January - 30th January 2021
Subject	Concepts and Skills
EVS	<p>Theme- Rocks, Minerals and Soils</p> <p>Central Idea- Rocks, minerals and soil are natural materials formed on Earth, which is important for our existence.</p> <p>Lines Of Inquiry:</p> <ul style="list-style-type: none"> • How rocks, minerals and soil are formed (Function) • Types of rocks, minerals, soil and their composition (Form) • Why we need rocks, minerals and soil (Causation) <p>Project- Machines</p> <p>Central Idea- We need different kinds of simple and complex machines to make our life easier</p> <p>Lines Of Inquiry:</p> <ul style="list-style-type: none"> • Machines work on different principles (work, force, motion and friction) • Machines are invented and created for various uses • Impact of machines on human life • How simple machines are used to develop complex machines • Work, force and energy are related • Sources of energy

ENGLISH	<p>Phonics and Vocabulary</p> <ul style="list-style-type: none">• Check and correct spellings and identify words that need to be learned• Use more powerful verbs (e.g. rushed instead of went)• Seek alternatives for overused words and expressions for e.g. (nice - admirable, delightful, pleasant; good - acceptable, agreeable, excellent, favourable, valuable)• Recognise meaning in figurative language• Use a dictionary to find spelling and meaning of words• Explore degrees of intensity in adjectives, e.g. cold, tepid, warm <p>Grammar and Punctuation</p> <ul style="list-style-type: none">• Identify all the punctuation marks and respond to them when reading• Practise using commas to mark out meaning within sentences• Re-read own writing to check punctuation and grammatical sense• Investigate past, present and future tenses of the verbs.• Identify prepositions and practice them while writing sentences• Collect examples of nouns (compound, collective, concrete and abstract), verbs, adjectives (qualitative, quantitative and demonstrative) and pronouns (and use the terms appropriately) <p>Reading</p> <ul style="list-style-type: none">• Extend the range of reading from a variety of age appropriate books• Understand how paragraphs and chapters are used to organize ideas• Distinguish between 'fact' and 'opinion' in reading and other media• Note key words and phrases to identify the main points in a passage• Explore implicit as well as explicit meanings within the text
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	<ul style="list-style-type: none"> • Read newspapers' reports and consider how they engage the reader • Identify different types of non-fiction texts and their known key features • Understand how points are ordered to make a coherent argument • Explore the different processes of reading silently and reading aloud • Investigate how persuasive writing is used to convince a reader
MATHS	<p>Number system</p> <ul style="list-style-type: none"> • Use strategies to add and subtract two or more fractions and / or mixed numbers with like and unlike denominators • Use strategies to add and subtract two or more fractions and / or mixed numbers with like and unlike denominators • Reduce a fraction to its 'lowest terms' or simplest form • Find H.C.F. and L.C.M. of 2 or 3 digit numbers using the prime factorization method and the factor tree method <p>Measurement</p> <ul style="list-style-type: none"> • Measure the sides of a closed figure such as rectangle, square and triangle in cm and mm and find the perimeter
HINDI	<p>Listening and speaking</p> <ul style="list-style-type: none"> • Evaluate what is heard and give reasons for agreement or disagreement • Listen carefully in discussions, contributing relevant comments and questions • Begin to develop ideas thoughtfully and convey opinions • Understand the gist of the lesson and respond to questions thoughtfully • Adapt the pace and volume of speaking when performing or reading aloud

	<p>Grammar</p> <ul style="list-style-type: none"> • Give grammatically correct answers • Understand homophones and their uses in languages. • Understand the use of 'kriya shabd' • Understand the use of 'Dictionary skills. <p>Reading</p> <ul style="list-style-type: none"> • Explore the different processes of reading silently and reading aloud • Investigate how settings and characters are built up from details • Understand how expressive and descriptive language creates mood <p>Writing</p> <ul style="list-style-type: none"> • Explore layouts and presentation of writing to share about experiences from personal lives • Write a simple article using paragraphs to organize information • Write well structured sentences while following grammatical rules
ICT	<p>Skills</p> <ul style="list-style-type: none"> • Be able to research on famous Indian and international IT personalities • Be able to work on presentation by picking appropriate resources

List of Vocabulary for the Coming Month

Sedimentary

Igneous

Sandstone

Lava

Granite

solidification

Pumice

Metamorphic

pressure

Marble

Slate

weathering

gravel

sandy

clayey

loamy

minerals

Organic

Machines

Simple

Complex

Lever

Pulley

Wheel

Axle

Inclined Plane

Screws

Wedge

Force

Work

Gravity

Friction

Newton

Energy

Fulcrum
Screwdriver
Wheelbarrow
Balance
Cylinder
Trolley
Flagpole
Factor tree
Factorization
Equivalent fractions
Simplest form
L.C.M
Liter
Milli-liter
Isosceles
Scalene
Equilateral