

## Month's Overview

Class 3

13th January to 14th February, 2020

Subject	Concepts and Skills
EVS	<p><b>Project: Earth and Space</b></p> <p><b>Central Idea:</b> Earth has condition to support life, and it is a part of a larger solar system.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Earth as a part of solar system</li> <li>• Sun provides us with light and heat</li> <li>• Earth experiences changes (Movement, night and day, weather patterns, seasons, pushes and pull)</li> <li>• Earth is inhabitable with suitable temperatures, presence of atmosphere, land masses and water</li> </ul> <p><b>Recap and Revision of the previous themes</b></p>
ENGLISH	<p><b>Phonics and Vocabulary</b></p> <ul style="list-style-type: none"> <li>• Explore words that have the same spelling but different meaning (e.g. Form, wave; homonyms)</li> <li>• Infer the meaning of unknown words from the context</li> <li>• Practise new spellings and write them correctly</li> <li>• Extend knowledge and use of spelling patterns (e.g. vowel phonemes, double consonants, silent letters, common prefixes and suffixes)</li> <li>• Use effective strategies to tackle unfamiliar words</li> </ul>

- Use analogy in working out the likely spelling of words
- Use a dictionary to find the spelling and meaning of words
- Generate synonyms and antonyms for high frequency words

### **Grammar and Punctuation**

- Take account of the full range of punctuation in reading aloud
- Maintain accurate use of capital letters and full stops in demarcating sentences
- Use a widening range of connectives (e.g. and, but, because, so) to link ideas in writing
- Identify pronouns and understand their function in a sentence
- Use question marks, exclamation marks, and commas in a list
- Collect examples of nouns (common, proper, collective, number, gender), verbs, adverbs, adjectives and conjunctions and use the terms appropriately
- Learn the basic conventions of speech punctuation and use speech marks.
- Ensure grammatical agreement of pronouns and verbs in using standard English

### **Reading**

- Read a range of stories, poetry and information books
- Consider ways that information is set out (e.g. lists, charts, bullet points)
- Understand different types of stories and typical story themes
- Read and follow instructions to carry out an activity
- Scan a passage to find specific information and answer questions
- Begin to infer meanings beyond the literal (e.g. about motives and

	<p>character)</p> <ul style="list-style-type: none"> <li>• Read and comment on different books with the same author</li> <li>• Read aloud with expression to engage the listener</li> <li>• Identify the main points or gist of what has been read</li> <li>• Understand and use the terms "fact", "fiction" and "non-fiction"</li> <li>• Work out what a book is about from skimming its main features</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>• Build up handwriting speed, fluency and legibility</li> <li>• Ensure consistency in the size and proportion of letters and spacing of words</li> <li>• Make a record of information drawn from a text</li> <li>• Choose and compare words to strengthen the impact of writing</li> <li>• Plan main ideas and points as a structure for story writing</li> <li>• Write book reviews summarising what the book is about</li> <li>• Write portraits of a character</li> <li>• Begin to organise writing in paragraphs in extended stories, or extended prose</li> <li>• Use IT to write, edit and present work</li> </ul>
<p><b>MATH</b></p>	<p><b>Number Sense</b></p> <ul style="list-style-type: none"> <li>• Multiply a multi digit numeral by a single digit numeral, with or without regrouping</li> <li>• Divide a multi digit numeral by a single digit numeral</li> <li>• Understand the relationship between addition and subtraction, multiplication and division and write connected facts</li> <li>• Add and subtract 4 digit numbers with and without regrouping</li> <li>• Solve word problems involving addition, subtraction, division and</li> </ul>

multiplication

- Compare the numbers using  $<$ ,  $>$  and  $=$
- State the place value of a digit in a 4 digit number by expanding and also converting the expanded form to a 4 digit number
- Arrange 3 digit , 4 digit numerals in ascending and descending order
- Interpret mathematical statements and create real life situations appropriately and use computing skills learnt to solve them

#### **Patterns**

- Recognize the simple number patterns
- Create own number patterns using knowledge of skip counting

#### **Geometry**

- Classify 3D shapes according to the number and shape of faces, number of vertices and edges - Triangle and cone
- Recognise that a boundary ( a perimeter) is required to create a shape.

#### **Time and Calendar**

- Name the days of the week and months of the year in sequence
- Read the time as quarter to, quarter past, half past, in 5 minute intervals

#### **Measurement**

- Use a centimetre ruler and understand the need for the units metre and kilo-meter
- Express metres in centimetre and centimetre in metres
- Understand the relation between litre and millilitre
- Measure in Kg and g and have awareness that the unit for measures of weight is the kilogram

	<ul style="list-style-type: none"> <li>• Express grams in kilograms and kilograms in grams</li> </ul> <p><b>Data handling</b></p> <ul style="list-style-type: none"> <li>• Read and interpret information from a pictograph</li> </ul> <p><b>Mathematical Reasoning</b></p> <ul style="list-style-type: none"> <li>• Make decisions about how to approach problems</li> <li>• Use strategies, skills and concepts in finding solution</li> <li>• Move beyond a particular problem by generalizing to other solutions</li> </ul>
<p style="text-align: center;"><b>HINDI</b></p>	<p><b>Listening and Speaking</b></p> <ul style="list-style-type: none"> <li>• Speak the correct form of swaras, vyanjans and words using the matraas</li> <li>• Retell a familiar short story in their own words</li> <li>• Differentiate between choti and bari matra through expression</li> <li>• Speak the correct form of swaras, vyanjans and words using the matraas</li> </ul> <p><b>Grammar</b></p> <ul style="list-style-type: none"> <li>• Identify and use describing words and one word for a group of words</li> <li>• Identify and use pronouns (short) (he, she, it, they)</li> <li>• Know basic grammar related to synonyms, antonyms and rhyming words</li> <li>• Identify nouns, kriya, shabd, vachan, gender and use them appropriately</li> <li>• Differentiate between swaras and vyanjans</li> </ul> <p><b>Reading</b></p> <ul style="list-style-type: none"> <li>• Read aloud with expression to engage the listener</li> <li>• Identify the main points or gist of what has been read</li> </ul>

	<ul style="list-style-type: none"><li>• Re-read own writing to check punctuation and grammatical sense</li><li>• Frame an appropriate title for self written poems</li></ul> <p><b>Writing</b></p> <ul style="list-style-type: none"><li>• Begin to organize writing in in extended stories, poems and tasks (1-2 paragraphs,8 to 10 sentences)</li><li>• Begin to write simple letters for informal purposes</li><li>• Write with a purpose and with audience in mind and be aware of various simple forms of writing like making a shopping list, poetry, story, letter etc.</li></ul>
<b>ICT</b>	<p><b>Skills</b></p> <ul style="list-style-type: none"><li>• Be able to create a ppt on the topic Earth and space</li><li>• Be able to do web search on their ongoing project</li><li>• Be able to understand advantages and disadvantages of using internet</li></ul>

## List of Vocabulary for the Coming Month

Rotation  
Revolution  
Space  
Big Bang Theory  
Explosion  
Equator  
Northern hemisphere  
Southern hemisphere  
Satellite  
Artificial  
Lunar eclipse  
Solar eclipse  
Astronauts  
Astronomers  
Seasons  
Environment  
meteors  
comets  
meteorites  
asteroids  
galaxy  
constellation  
navigation  
weather forecasting  
communication  
trailing  
craters  
blistering  
litter  
centrifuge  
hammock  
explosion  
voyage  
estimation  
strategy  
capacity

liter

milliliter

vertex

Environmental problems