

Month's Overview

Class: 5A & 5B

8th November - 7th December 2019

Subject	Concepts and Skills
EVS	<p>Theme: Body Systems - Circulatory and Nervous Systems</p> <p>Central Idea: Circulatory and Nervous systems are made up of different organs that are interconnected to make them functional.</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Organs of circulatory and nervous systems • Role of circulatory and nervous system • Interconnectedness of organs within each system, and connections between both • circulatory and nervous systems • Structure and Function of sense organs • Communicable diseases transmit in various ways <p>Theme: Governance and Systems - II</p> <p>Central Idea: Our government functions at different levels for the effective management of our country.</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Formation and structure of our Government • Structure of our Rural and Urban Society • Role and Functions of the Government at the urban and rural levels • Our responsibility towards public property

ENGLISH

Phonics and Vocabulary

- Recognise common letter strings in words pronounced differently
- Use dictionaries efficiently and carry out IT spell checks
- Collect synonyms and opposites and investigate shades of meaning
- Use a thesaurus to extend vocabulary and the choice of words.
- Use effective strategies for learning new spellings and mis-spelt words
- Use known spellings to work out the spelling of related words
- Identify unfamiliar words, explore definitions and use new words in context

Grammar and Punctuation

- Practise proof reading and editing writing for clarity and correctness
- Understand conventions of Standard English
- Place full stops correctly at the end of complex sentences.
- Understand the difference between direct and reported speech
- Learn how dialogue is set out and punctuated

Reading

- Read widely and explore the features of different genres (poetry, fiction & non-fiction)
- Locate information confidently and efficiently from different sources
- Skim-read to gain overall sense of a text and scan for specific information

	<ul style="list-style-type: none"> • Develop note taking to extract key points and to group and link ideas • Read and evaluate non-fiction texts for purpose, style, clarity and organization • Look for information in non-fiction texts to build on what is already known <p>Writing</p> <ul style="list-style-type: none"> • Review, revise and edit writing in order to improve it, using IT as appropriate • Choose words and phrases carefully to convey feeling and atmosphere • Describe events and convey opinions with increasing clarity • Map out writing to plan structure of the response (e.g. paragraphs, sections and chapters) • Record ideas, reflections and predictions about books (e.g. in a reading log) • Make notes for different purposes using simple abbreviations • Understand the use of notes in writing in your own words • Draft and write letters for real purposes. • Evaluate own and others writing
MATH	<p>Number Sense</p> <ul style="list-style-type: none"> • Demonstrate the understanding of odd and even numbers using number patterns, prime numbers, composite numbers, multiples and factors • Test divisibility of numbers by 2, 3, 4, 5

- Calculate H.C.F and L.C.M of 2 or 3 numbers using factors and multiples
- Factorise a composite number by building a factor tree and prime factorization method
- Express a composite number as product of prime numbers/factors using index notation and find H.C.F. and L.C.M. using factors
- Solve daily life problems related to H.C.F. and L.C.M. (Not to be tested)
- Multiply and divide a fraction by a whole number
- Multiply two or more fractions or mixed numbers
- Understand the reciprocal of a fraction
- Divide a whole number by a fraction
- Divide one fraction or mixed number by a counting number or another fraction or mixed number
- Solve problems involving comparing, addition, subtraction, multiplication and division of fractions or mixed numbers

Measurement

- Understand and use the terms 'Temperature', 'Thermometer', 'Celsius' and 'Fahrenheit'
- Read temperature on a thermometer (celsius and fahrenheit)
- Solve simple money problems including profit, loss and percentage

Geometry

- Identify, estimate, measure and construct different kinds of angles (acute, obtuse, right, straight, reflex, whole, adjacent,

	<p>complementary, supplementary, vertically opposite angles)</p> <ul style="list-style-type: none"> • Use geometric instruments for measuring and drawing angles, line segments and lines • Understand and use angle measure in degrees • Classify the different kinds of triangles, understand their properties (scalene, isosceles, equilateral, acute, obtuse, and right triangles) and construct them <p>Data handling</p> <ul style="list-style-type: none"> • Read information on given bar graph (single and double), tally chart and pictograph • Create a bar graph, tally chart or a pictograph from the given data • Arrange data in columns and rows using appropriate scales on the x and y axis
<p>HINDI</p>	<p>Listening and speaking</p> <ul style="list-style-type: none"> • Report back to a group, using notes and present findings about a topic studied • Prepare and present an argument to persuade others to a point of view • Listen purposefully in a range of contexts (questions, instructions, discussions, stories, audios, etc.) • Recall and discuss important features to talk about <p>Grammar and punctuation</p> <ul style="list-style-type: none"> • Understand homophones and their usage in Language • Identify verbs and types of verbs (akarmak and sakarmak kriya). • Understand the difference between proverb and idioms

	<ul style="list-style-type: none"> • adjectives and types of adjectives (gun vachak,sankhya vachak, pariman vachak and sarvnamik visheshan) <p>Reading</p> <ul style="list-style-type: none"> • Analyse openings and compare the structure of different stories • Consider how characters are presented, and their different perspectives • Consider how characters are presented, and their different perspectives <p>Writing</p> <ul style="list-style-type: none"> • Frame own stories,with appropriate setting, characters and a suitable title • Write any article independently by presenting an explanation or point of view in ordered points • Understand the concept of dialogue writing • Take the help of computer to write articles, poems, stories or news
<p>Gujarati</p>	<p>Listening and speaking</p> <ul style="list-style-type: none"> • Listen carefully to questions and respond appropriately • Read aloud and narrate stories, recite rhymes, poems and songs • Converse with friends, teachers and other adults and ask simple questions • Listen and learn new words while conversing in Gujarati (Names of Colours, Birds, Animals, Fruits, Vegetables, Days, Body-parts,

and Numbers)

- Re-tell stories with appropriate use of story language
- Join in and extend rhymes and refrains, play with language patterns

Grammar and punctuation

- Differentiate between swaras and vyanjans
- Identify the difference between 'nani' and 'moti' matra words (a,aa i,ee)
- Understand the difference between one and many (vachan)
- Understand words and sentences without kana matra
- Recognize the concepts of swaras and vyanjans and use them correctly
- Identify gender and rhyming words
- Know that the end of a sentence is marked with a full stop

Reading

- Read a range of common words on sight
- Read new words, vyanjans and swaras introduced in class (two, three and four letter words) and also identify and read new words which appear in advertisements, newspapers, articles and cartoon stories
- Read familiar and simple, stories and poems and relate to words said and read
- Read sentences with and without matras introduced in the class
- Identify the difference between 'shuddha' and 'ashuddha' words, while reading
- Read a range of books (fiction and non fiction), discuss

	<p>preferences</p> <ul style="list-style-type: none"> • Anticipate what happens next in a story • Identify and discuss characters and dialogue • Recognize story elements (e.g. beginning, middle, and end) <p>Writing</p> <ul style="list-style-type: none"> • Form letters correctly • Interpret the difference between two alphabets and use them in words appropriately • Be able to write names of animals, birds, colours, body parts, vegetables, fruits, days, seasons, directions, animals and dates • Use knowledge of sounds to write regular words and to attempt writing new words • Compose and write simple sentences using fullstops • Spell common words accurately and draw on words recognised on sight
<p>ICT</p>	<p>Skills</p> <ul style="list-style-type: none"> • Identify and understand various storage devices • Understanding components inside the CPU • Understanding the features of MS PowerPoint- Word art and shapes • Insertion and formatting of charts

List of Vocabulary for the Coming Month

Governance
Constitution
Municipality
Municipal corporation
Gram panchayat
Mayor
President
Election commission
responsibilities
Parliament
Lok sabha
Rajya sabha
Least Common Multiple
Highest Common Factor
Prime numbers
Composite numbers
factorisation
percentage
profit
loss
capacity
teaspoon
tablespoon
scale
volume
Estimatiocells
Organ system
Circulatory system
Nervous system
least Common Multiple
Isosceles triangle
Scalene triangle
Equilateral triangle
survey
kilograms
grams

