

Upcoming Theme's Overview: Class 4

Theme Name and Number: Theme 7- Living Kingdom- Plants, Animals and Insects

Theme Dates: 13th March to 7th April 2023

Central Idea: Plants, animals and insects are adapted to their surroundings that help in maintaining a balance in the ecosystem.

Lines of Inquiry:

- Role of Abiotic elements in the process of photosynthesis (**Function**)
- Plants and animals live in different habitats (**Connection**)
- Plant-animals are interdependent and connected through food chain (**Change**)
- Animals have a definite life cycle (**Change**)
- Humans have relation with insects (**Connection**)

English Text Name: 'The Caterpillar that Went on a Diet and Other Stories, **Author:** Ranjit Lal

Section I - Core Subjects Overview

Week No.	EVS	English	Maths	Hindi	ICT
Week 1	<ul style="list-style-type: none"> • Introduction to the theme- Living Kingdom • Adaptation as a means of evolution • Leaf- Parts of leaf, simple and compound leaf, venation • Transpiration 	<ul style="list-style-type: none"> • Warmer of the new theme • Pre-teach Vocabulary • Predicting the text 	<ul style="list-style-type: none"> • Number Sense- Rounding off numbers to nearest 10, 100 and 1000 • Geometry- Symmetry, nets and solid shapes, construction of angles, Types of triangles (scalene, isosceles, equilateral) 	<ul style="list-style-type: none"> • Introduction to the chapter- 'Cheeti Aur kabootar' • Hard words from the chapter • Underlining the 'kriya shabd' from the chapter 	Customizing Windows: <ul style="list-style-type: none"> • Windows desktop and its components • Setting date, time and volume of the speaker
Week 2	<ul style="list-style-type: none"> • Photosynthesis concept • Model of photosynthesis • Plant adaptations • Interdependence of plants and animals 	<ul style="list-style-type: none"> • Reading for gist and details 'Caterpillar who went on a diet' (Pages - 1-7) • Comprehension questions 	<ul style="list-style-type: none"> • Number Sense- -Equivalent fractions, computation, -Mathematical Reasoning -Mixed bag (rigour) 	<ul style="list-style-type: none"> • Reading the Chapter and make some sentences according to the chapter • Writing questions and answers in notebook 	<ul style="list-style-type: none"> • Customizing windows and taskbar • Use of shortcut menu
Week 3	<ul style="list-style-type: none"> • Oviparity and Viviparity • Vertebrates and 	<ul style="list-style-type: none"> • Reading text (Pages - 8-14) • Reading for Gist- 	<ul style="list-style-type: none"> • Number Sense- word problems of fractions, addition/ 	<ul style="list-style-type: none"> • Discuss the workbook • 'Anuched lekhan' 	<ul style="list-style-type: none"> • Memory and Storage devices: data and

	<p>invertebrates</p> <ul style="list-style-type: none"> • Cold blooded and warm blooded animals • Adaptation in animals 	<p>'Dengue Dollies' (Pages - 77-85)</p> <ul style="list-style-type: none"> • Comprehension questions 	<p>subtraction of mixed fractions</p> <ul style="list-style-type: none"> • Measurement- Metric unit conversions (length, weight and capacity) 	<p>according to the Praroop</p>	<p>information,</p> <ul style="list-style-type: none"> • Data storage units, • Internal and external memory • Primary and secondary data storage devices
Week 4	<ul style="list-style-type: none"> • Insects- features and metamorphosis • Endangered and extinct animals • Performance Task- Writing an article on adaptation of living things 	<ul style="list-style-type: none"> • Tenses (Revision) • Apostrophe • Performance task discussion - Story writing 	<ul style="list-style-type: none"> • Number Sense- Multiplication of fractions • Performance Task- To plan a trip to wildlife sanctuary/ national park in Gujarat 	<ul style="list-style-type: none"> • Revision of the chapter • Reading with Proper matras 	<ul style="list-style-type: none"> • http://www.abcya.com/states_of_matter.htm • http://www.abcya.com/tangrams.htm

List of Vocabulary for - Living Kingdom - Plants, Animals and Insects

EVS Vocabulary

Apex

Stomata

Interdependence

Cacti

Pine

Midrib

Petiole

Terrestrial

Insectivorous

Scavengers

Parasites

Limbs

Arboreal

Chordates

Invertebrates

Camouflage

Endangered

Extinct

Thorax

Abdomen

Chitin

Antennae

Termites

Fibrous

Plains
Mountains
Deserts
Swampy
Coastal
Aquatic
Saprophytic
Adaptations
Amphibians
Reptiles
Mammals
Oviparous
Viviparous
Vertebrates
Invertebrates

English Vocabulary

Reared
Malevolent
Warily
Instinctively
Prissy
Contempt
Ostensibly
Speculation
Dainty
Pekish

Gyrating
Binge
Pliable
Diabolical
Paradise
Simmering
Garbage heap
Deftly
Bliss
Contentedly
Panic
Billowing
Disoriented
Disperse
Casualties
Clan
Perspiring
Gloating
Stench
Diligently

Maths Vocabulary

Symmetry
Prime Factorisation
Product
Scalene
Isosceles

Equilateral
Kilometers
Meters
Kilograms
Grams
Liters
Milliliters
Cube
Cuboid
Prism
Pyramid
Cylinder
Sphere

A note for parents: You can reinforce the above vocabulary for children by ensuring that they understand the meaning of these words and its usage meaningfully, in different contexts. Children may be able to also read and write most of these words - although they are not expected to know the spellings of all of the words from the list.

Section II - Holistic Development

Holistic Development Area	To be covered...
Art and Design	<ul style="list-style-type: none"> ● Learning to use oil pastels to create cave art ● Creating a family tree using doodling and finger painting
Sports	<ul style="list-style-type: none"> ● Athletics:Physical Fitness Components: Understand the components of physical fitness, understand the need for physical activity and its relationship with healthy and active lifestyle. Focus on Speed, Agility, Flexibility, Coordination, Balance, Endurance, and Strength ● Fitness: Students will enhance their fitness levels through different fun activities ● Karate: Judo techniques, punches and kicks, defense techniques with KUMITE Training ● Football: Defending, Dribbling - practice of finishing, redirecting the ball, push pass and instep pass
Interest Centers- Performing Arts	<p>Project Title:Musical Measure- Using maths to create music</p> <ul style="list-style-type: none"> ● Introduction to melody through Raag Bhupali ● Prototyping own musical piece of beats & melody ● Introduction to steps of composing music ● Finalizing the performance
Self-Enrichment	<p>Module: Diversity</p> <ul style="list-style-type: none"> ● Understanding diversity ● What makes a place diverse?
Assembly, Events, Celebrations, House Activities	<ul style="list-style-type: none"> ● Assembly: <ul style="list-style-type: none"> ○ Class presentations by - Class 4A, Class 4B, Class 4C, Class 2A, Class 2B, Class 2C, Class 3A, Class 3B ● House Activity: <ul style="list-style-type: none"> ○ World Book Day