



CLASS – 4th

MONTH:- AUGUST

CLASSES REQUIRED	8
TOPIC	Reproduction in animals
CONCEPT & SKILLS	1. Oviparous & viviparous animals. 2. Structure of an egg. 3. Lifecycle of different insects. 4. Incubation& Hatching. Skill:- Making models of different life cycle of insects.
LEARNING OUTCOME	1.Difference between oviparous & viviparous animals 2.Different stages in life cycle of different animals
INSTRUCTIONAL TOOLS & REFERENCES	1.Egg 2.Models
PEDAGOGY	1. Demonstration method 2.Explanation method
ACTIVITY / ASSIGNMENT / RESEARCH	Group activity :- Making models of different life cycle of insects
ASSESSMENT	Formative assessment. Summative assessment.
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	1.Oviparous & viviparous animals 2.Structure of an egg 3.Lifecycle of different insects 4.Incubation& Hatching (These topics will be assessed in both Formative & Summative)

CLASSES REQUIRED	08
TOPIC	Paying for travel
CONCEPT & SKILLS	1.Currency exchange 2.Coins& Banks note 3. Different means of transport Skill:- Reservation of tickets
LEARNING OUTCOME	1.Importance of reservation of tickets 2.Different Currencies
INSTRUCTIONAL TOOLS & REFERENCES	Specimen of different coins & bank notes
PEDAGOGY	1.Explanation method 2.Learning by observing 3.Student interaction (student share their travel experience) 4.AV aid(CAL LAB)
ACTIVITY / ASSIGNMENT / RESEARCH	Filling of withdrawal form./Investigatory project
ASSESSMENT	Formative assessment.
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	1.Reservation of tickets 2.Currency exchange 3.Coins& Banks note (These topics will be assessed in formative)

MONTH: SEPTEMBER

CLASSES REQUIRED	08
TOPIC	Birds, Beaks & Claws
CONCEPT & SKILLS	1.Classification of birds on the basis of their beaks &claws 2.Functions of beaks & claws Skill:- Making of bird feeder
LEARNING OUTCOME	1.Classification of birds on the basis of their beaks &claws 2.Functions of beaks & claws
INSTRUCTIONAL TOOLS & REFERENCES	1.Video 2 .Comparative study table
PEDAGOGY	1.AV aid(CAL LAB) 2.Explanation aided with tabular representation
ACTIVITY / ASSIGNMENT / RESEARCH	Collecting feathers
ASSESSMENT	Formative assessment Summative assessment
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	1.Classification of birds on the basis of their beaks &claws 2.Functions of beaks & claws (These topics will be assessed in both Formative & Summative)

CLASSES REQUIRED	10
TOPIC	Mapping our neighbourhood
CONCEPT & SKILLS	1. Map reading 2.Language of a map Skill:-Making a sketch
LEARNING OUTCOME	1.Sketch making 2.Reading of a map

INSTRUCTIONAL TOOLS & REFERENCES	1. Atlas 2. Video 3. Globe
PEDAGOGY	1. Learning by doing 2. AV aid (CAL LAB)
ACTIVITY / ASSIGNMENT / RESEARCH	To make a sketch
ASSESSMENT	Formative assessment
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	1. Making a sketch 2. Language of a map 3. Map reading (These topics will be assessed in formative)

MONTH: OCTOBER

CLASSES REQUIRED	08
TOPIC	Garbage & its disposal
CONCEPT & SKILLS	1. Types of waste 2. Concept of 4R'S 3. Energy generated from waste disposal 4. Keeping surrounding clean Skill:- Making of different things out of waste.
LEARNING OUTCOME	1. Comparison between bio & non bio degradable waste 2. Ways of waste disposal 3. 4R'S
INSTRUCTIONAL TOOLS & REFERENCES	Video
PEDAGOGY	1. Comparative study 2. AV aid (CAL LAB)
ACTIVITY /	Making of dustbin

ASSIGNMENT / RESEARCH	
ASSESSMENT	Formative assessment Summative assessment
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	<ol style="list-style-type: none"> 1.Types of waste 2.Concept of 4R'S 3.Energy generated from waste disposal 4.Keeping surrounding clean <p>(These topics will be assessed in both formative and summative)</p>

CLASSES REQUIRED	08
TOPIC	Our living earth
CONCEPT & SKILLS	<ol style="list-style-type: none"> 1.Earth as unique planet 2.Structute of earth 3.Movement of earth
LEARNING OUTCOME	<ol style="list-style-type: none"> 1.Earth as unique planet 2.Structure of earth 3.Movement of earth
INSTRUCTIONAL TOOLS & REFERENCES	<ol style="list-style-type: none"> 1.Globe 2.Torch 3.Video
PEDAGOGY	Learning by observing
ACTIVITY / ASSIGNMENT / RESEARCH	Use a globe & torch to see how rotation of the earth causes day & night
ASSESSMENT	Formative assessment
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	<ol style="list-style-type: none"> 1.Earth as unique planet 2.Structute of earth 3.Movement of earth

(These topics will be assessed in formative)

MONTH: NOVEMBER

CLASSES REQUIRED	08
TOPIC	Things around us
CONCEPT & SKILLS	1.States of matter 2.Physical & Chemical change 3.Solutions 4.Skill:- Making of solution
LEARNING OUTCOME	1.Molecular arrangement of solids, liquids& gas 2.Concept of solute ,solvent & solution
INSTRUCTIONAL TOOLS & REFERENCES	Various things present in class to demonstrate molecular arrangement & physical and chemical change
PEDAGOGY	1.Learning by doing 2.Group activity
ACTIVITY / ASSIGNMENT / RESEARCH	Mention 5 physical &chemical change
ASSESSMENT	Formative assessment Summative assessment
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	1.States of matter 2.Physical & Chemical change 3.Solutions (These topics will be assessed in both formative and summative)

CLASSES REQUIRED	10
TOPIC	Work, force and energy
CONCEPT & SKILLS	1. Concept of work, force and energy 2. Forms of energy 3. Sources of energy
LEARNING OUTCOME	Different sources & forms of energy
INSTRUCTIONAL TOOLS & REFERENCES	1. Magnet 2. Catapult 3. Rubber band 4. Paper ball 5. Scale etc 6. Video
PEDAGOGY	1. Activity based learning 2. AV aid (CAL LAB) 3. Explanation method
ACTIVITY / ASSIGNMENT / RESEARCH	Observe two machines in your home & write the forms of energy they use
ASSESSMENT	Summative assessment
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	1. Concept of work, force and energy 2. Forms of energy 3. Sources of energy (These topics will be assessed in Summative)

DECEMBER: FINAL TERM EXAMINATION