



CLASS – 4<sup>th</sup>

CYCLE – 3<sup>RD</sup>

MONTH:- AUGUST

<b>CLASSES REQUIRED</b>	8
<b>TOPIC</b>	Reproduction in animals
<b>CONCEPT &amp; SKILLS</b>	<ol style="list-style-type: none"> <li>1. Oviparous &amp; viviparous animals.</li> <li>2. Structure of an egg.</li> <li>3. Lifecycle of different insects.</li> <li>4. Incubation&amp; Hatching.</li> </ol> <p><b>Skill:- Making models of different life cycle of insects.</b></p>
<b>LEARNING OUTCOME</b>	<ol style="list-style-type: none"> <li>1.Difference between oviparous &amp; viviparous animals</li> <li>2.Different stages in life cycle of different animals</li> </ol>
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	<ol style="list-style-type: none"> <li>1.Egg</li> <li>2.Models</li> </ol>
<b>PEDAGOGY</b>	<ol style="list-style-type: none"> <li>1. Demonstration method</li> <li>2.Explanation method</li> </ol>
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Group activity :- Making models of different life cycle of insects
<b>ASSESSMENT</b>	<p>Formative assessment.</p> <p>Summative assessment.</p>
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	<ol style="list-style-type: none"> <li>1.Oviparous &amp; viviparous animals</li> <li>2.Structure of an egg</li> <li>3.Lifecycle of different insects</li> <li>4.Incubation&amp; Hatching</li> </ol> <p>(These topics will be assessed in both Formative &amp; Summative )</p>

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

**MONTH: SEPTEMBER**

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

<b>CLASSES REQUIRED</b>	10
<b>TOPIC</b>	Mapping our neighbourhood
<b>CONCEPT &amp; SKILLS</b>	1. Map reading 2. Language of a map Skill:- Making a sketch
<b>LEARNING OUTCOME</b>	1. Sketch making 2. Reading of a map
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	1. Atlas 2. Video

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

**MONTH: OCTOBER**

<b>CLASSES REQUIRED</b>	<b>08</b>
<b>TOPIC</b>	<b>Garbage &amp; its disposal</b>
<b>CONCEPT &amp; SKILLS</b>	<b>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.</b>
<b>LEARNING OUTCOME</b>	<b>1.Comparison between bio &amp; non bio degradable waste 2.Ways of waste disposal 3. 4R'S</b>
<b>INSTRUCTION AL TOOLS &amp; REFERENCES</b>	<b>Video</b>
<b>PEDAGOGY</b>	<b>1.Comparative study 2.AV aid(CAL LAB)</b>
<b>ACTIVITY / ASSIGNMENT /</b>	<b>Making of dustbin</b>

<b>RESEARCH</b>	
<b>ASSESSMENT</b>	<b>Formative assessment</b> <b>Summative assessment</b>
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE ASSESSMENT</b>	1.Types of waste 2.Concept of 4R'S 3.Energy generated from waste disposal 4.Keeping surrounding clean (These topics will be assessed in both formative and summative)

<b>CLASSES REQUIRED</b>	08
<b>TOPIC</b>	Our living earth
<b>CONCEPT &amp; SKILLS</b>	1.Earth as unique planet 2.Structute of earth 3.Movement of earth
<b>LEARNING OUTCOME</b>	1.Earth as unique planet 2. Structure of earth 3.Movement of earth
<b>INSTRUCTIONAL TOOLS &amp; REFERENCES</b>	1.Globe 2.Torch 3.Video
<b>PEDAGOGY</b>	Learning by observing
<b>ACTIVITY / ASSIGNMENT / RESEARCH</b>	Use a globe &torch to see how rotation of the earth causes day &night
<b>ASSESSMENT</b>	Formative assessment
<b>SYLLABUS FOR FORMATIVE &amp; SUMMATIVE</b>	1.Earth as unique planet 2.Structute of earth 3.Movement of earth

<b>ASSESSMENT</b>	(These topics will be assessed in formative)
-------------------	--

**MONTH: NOVEMBER**

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

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

**DECEMBER: FINAL TERM EXAMINATION**