ONLINE FOUNDATION SCHOOL
EMPOWERING DREAMS, IGNITING FUTURE
A SISTER CONCERN OF ONLINE GROUP
EIIN: 190167

Subject Teacher: Parvin Sultana Eity

Grade: Three
Subject: Science
Academic Year :(2025 -2026)

Half-Yearly Assessment Syllabus

Learning Objectives:

- ✓ Identifying Living Things and Plant Needs: Students will learn to distinguish between living and non-living things, specifically identifying plants as living, and understand the essential requirements for plant growth, such as light, water, and temperature.
- ✓ States of Matter and Mixtures: They will be introduced to the three basic states of matter (solids, liquids, and gases) and understand that different materials can be mixed together.
- ✓ Basic Material Separation Techniques: Students will learn practical ways to separate mixtures, including methods like dissolving and filtering, and how to apply these to separate materials from rocks.
- ✓ Understanding Shadow Formation: They will discover how shadows are formed and observe how they can change in size and shape depending on the light source and object.
- ✓ Properties of Transparent and Translucent Materials: Students will be able to identify and describe the characteristics of materials that allow light to pass through them fully (transparent) or partially (translucent).
- ✓ Introduction to Human Anatomy and Food Chains (Project-based): While covered in the project section, students will get an introductory understanding of human body parts and the concept of how energy flows through ecosystems via food chains.

Book Name	Chapter No	Chapter Name	Page No
• Cambridge Primary Science Learner's Book 3	Unit -1: Plants are living things	1.1 Alive or not alive? 1.2 Plant parts 1.3 Plants and light 1.4 Plants need water and the right temperature	Learner's Book (02-34) Workbook (02-16)

	Unit -2: Mixing materials	2.1 Solids, liquids and gases 2.2 Separating mixtures 2.3 Dissolving 2.4 Filtering 2.5 Separating materials from rocks	Learner's Book (35-63) Workbook (17-33)
• Cambridge Primary Science Workbook 3	Unit -3: Light and shadows	3.1 Shadows 3.2 Changing shadows 3.3 Transparent materials 3.4 Translucent materials	Learner's Book (64-90) Workbook (34-45)
	Project	1. Human Anatomy 2. Food chain	

Marks Distribution						
Project	**Class Test 1**		**Class Test 2**		**Half Yearly/Yearly**	
Marks	Marks	Duration	Marks	Duration	Marks	Duration
05	10	40 minutes	10	40 minutes	75	2 hours
Total Marks					100	

Yearly Assessment Syllabus
Learning Objectives: ✓ Understanding Life Processes and Classification: Students will learn about human internal organs, classify different animal groups, and explore various animal life cycles. ✓ Exploring Ecosystems and Past Life: They will be introduced to the concept of food chains, understanding how energy flows in nature, and learn about fossils as evidence of ancient life. ✓ Introduction to Forces: Students will gain a basic understanding of forces, including concepts like gravity and friction, and learn how forces can be measured (e.g., with forcemeters). ✓ Properties of Magnets and Magnetic Materials: They will discover the unique properties of magnets and identify which materials are attracted to magnets. ✓ Understanding Celestial Bodies: Students will learn about the shapes of the Earth, Sun, and Moon, and gain basic knowledge about the Moon's characteristics. ✓ Observing Lunar Cycles and Life Cycles (Project-based): They will explore the different phases of the Moon and, through projects, learn about the distinct life cycles of a butterfly and a frog.

Book Name	Chapter No	Chapter Name	Page No
• Cambridge Primary Science Learner's Book 3	Unit-4: Staying alive	4.1 Human organs 4.2 Animal groups and different life cycles 4.3 Food chains 4.4 Fossils	Learner's Book (91-124) Workbook (46-61)
	Unit-5: Forces and magnets	5.1 Forces and forcemeters 5.2 Gravity 5.3 Friction 5.4 Amazing magnets 5.5 Magnetic materials	Learner's Book (125-153) Workbook (62-77)
• Cambridge Primary Science Workbook 3	Unit-6: The Earth and the Moon	6.1 The shape of the Earth, Sun and Moon 6.2 The Moon 6.3 The phases of the Moon	Learner's Book (154-176) Workbook (78-84)
	Project	1. Life cycle of a butterfly 2. Life cycle of a frog	

SAMPLE QUESTIONS PATTERN		
SL. NO	**Type of Question**	**Specification**
1	Word meaning	10
2	Fill in the blanks	5
3	True or false with the correct answer	10
4	Question answer (big /small) (Any 4 among 5)	20
5	Draw a figure	10
6	Matching	10
7	Finish the word with the correct word	5
8	Skill building question	5

9	Project	5
10	Class Test (CT 1 and 2) / **(**CT 03 and 4)	20
	Total =	1**00**

***The syllabus is subject to modification in response to changing needs or circumstances.**

Subject Teacher **Section Head** **Principal**