

Class VI

SYLLABUS OVERVIEW

SUBJECT: SCIENCE-A

Teacher: Miss LM

Chapter No.	Name of the Chapter	Marks
PT-I		
1	Chapter 1: The Wonderful World of Science	20
2	Chapter 2: Diversity in the Living World	20
TOTAL		40
Half Yearly		
1	Chapter 1: The Wonderful World of Science	10
2	Chapter 2: Diversity in the Living World	10
3	Chapter 3: Microbes – Mindful Eating: A Path to a Healthy Body	20
TOTAL		40
PT-II		
4	Chapter 4: Exploring Magnets	20
5	Chapter 5: Measurement of Length and Motion	20
TOTAL		40
Yearly		
4	Chapter 4: Exploring Magnets	10
5	Chapter 5: Measurement of Length and Motion	10
6	Chapter 6: Materials Around Us	20
TOTAL		40

TERM-I

Month	No. of Days	No. of Periods	Lesson/Unit	Activities/Projects/Practical experiment to be held/Specific Assessment Tools(s)
April- May	17	12	1. The Wonderful World of Science	<ul style="list-style-type: none"> - Making a chart showing, where science is used at home. Collect pictures of famous scientists with name, picture and inventions/discoveries.
May- June	20	12	2. Diversity in the Living World	<ul style="list-style-type: none"> - Nature walk and observation. -Poster making "Save the Living World". - Draw and label any plant and animal.
July- August	20	12	3. Mindful Eating: A Path To a Healthy Body	<ul style="list-style-type: none"> - Self-awareness journal: Record hunger/fullness before and after meals for 3 days. - What's in my lunchbox? (List food items, nutrients and function). - Test for proteins using different food items.

TERM-II				
Month	No. of Days	No. of Periods	Lesson/Unit	Activities/Projects/Practical experiment to be held/Specific Assessment Tools(s)
October	20	12	4. Exploring Magnets	<ul style="list-style-type: none"> - Test Magnetic/Non-magnetic objects. -Create a working magnetic compass using a needle, magnet, and bowl of water. -Build a simple maze and use a magnet to control a paperclip path from below the board.
Nov - Dec	20	12	5.Measurement of Length and motion	<ul style="list-style-type: none"> - Measuring classroom objects. Creating/Making a simple Measuring Device
Jan - Feb,	20	12	6. Materials Around Us	<ul style="list-style-type: none"> -Sorting Classroom Materials. - To observe: <ul style="list-style-type: none"> (i) Solubility in solid (ii) Miscibility in liquid -Chart Project: Uses of Different Materials.

SYLLABUS OVERVIEW
SUBJECT: SCIENCE-B
Teacher: Miss HC

Chapter No.	Name of the Chapter	Marks
PT-I		
7	Temperature and its Measurement	20
8	A Journey through States of Water	20
TOTAL		40
Half Yearly		
9	Methods of Separation in everyday Life	20
7	Temperature and its Measurement	10
8	A Journey through States of Water	10
TOTAL		40
PT-II		
10	Living Creatures: Exploring their Characteristics	20
11	Nature's Treasures	20
TOTAL		40
Yearly		
12	Beyond Earth	20
10	Living Creatures: Exploring their Characteristics	10
11	Nature's Treasures	10

TERM-I				
Month	No. of Days	No. of Periods	Lesson/Unit	Activities/Projects/Practical experiment to be held/Specific Assessment Tools(s)
April-May	17	12	7. Temperature and its Measurement: Hot or Cold? Temperature; Measuring temperature: Clinical thermometer and Laboratory thermometer, Air temperature.	<ul style="list-style-type: none"> Activity 7.3 (pg 130): Finding the temperature range of a laboratory thermometer. Paragraph writing: "Can it always be correctly judged that a person has fever, only by touching the person?" Worksheet for assessment.
June-July	20	12	8. A Journey through States of Water: Investigating water's disappearing act (Evaporation); Another mystery (Condensation); The different States of Water: Solid, Liquid and Gases; Changes in the	<ul style="list-style-type: none"> Observation: Evaporation using hand sanitizer. - Class Presentation: Factors affecting evaporation.

			State of Water: Freezing and Melting; Factors affecting Evaporation; Cooling effect; How do Clouds gives us Rain (Water cycle).	
August-Sep	20	12	9. Methods of Separation in Everyday Life: Handpicking, Threshing, Winnowing, Sieving, Evaporation, Sedimentation and Decantation, Filtration, Churning and Magnetic Separation.	<ul style="list-style-type: none"> • Discussion and writings: "Importance of separating substances." • Project: Create an illustrated poster showing any 2 methods of separation in daily life. <p>- SEA: Filtration- Separating a mixture of insoluble substance (soil) and Liquid (water) using filter paper.</p>

TERM-II				
Month	No. of Days	No. of Periods	Lesson/Unit	Activities/Projects/Practical experiment to be held/Specific Assessment Tools(s)
Oct. – Nov.	20	12	10. Living Creatures: Exploring their characteristics- What sets the living apart from non-living? : Movement, growth, breathing, excretion, reproduction, response to stimuli and death; Essential conditions for Germination; Growth and Movement in Plants; Life Cycle of a Plant; Life Cycle of Animals: Mosquito, Frog.	<ul style="list-style-type: none"> • Class discussion: Deciding living and non-living things. • Draw and label the life cycle of: i) A bean plant ii) A mosquito or a frog. <p>Project: "Can we grow plants without germinating their seed? Explore and cite some examples"</p>
December	20	12	11. Nature's Treasure: Air, Water, Energy from the Sun, Forests, Soil, Rocks and Minerals, Fossil fuels, Natural Resources: Renewable and Non-renewable resources; Resources we use.	<ul style="list-style-type: none"> • Discussion and writings: "List 5 things we use daily that comes from nature" (Eg. Water, food, etc.). • T-Chart: Prepare a T-chart on renewable and Non-renewable resources. <p>SEA: Preparing Poster slogan- "Save Nature's Treasure for our future"</p>
Jan – Feb. 2026	20	12	12. Beyond Earth: Stars and Constellations; Night sky watching; Our Solar System; Planets; Natural Satellites: The moon, Asteroids, Comets; The Milky Way Galaxy; The Universe.	<ul style="list-style-type: none"> • Presentation: Look at the night sky and note three things you see-Activity 12.1(pg 232). And, share observations in the class. • Chart making: Making a chart of the Solar system with planets in order. <p>Discussion and writing: "What do you think lies beyond our galaxy?"</p>