

SUBJECT- SCIENCE
BOOK: Our Wondrous World (NCERT)
Class- V (2026-2027) TERM-I

Duration	Name of the Lesson	Concept/ Written Work	NO. OF PERIODS	Project/ Activity/Experiment/Diagram
April 2026 to May 2026 (NO. OF DAYS- 24)	Chapter-1 WATER	<ul style="list-style-type: none"> • Matter • Conversion of the states of matter • Sources of water • Properties of water - Experiment based on different properties of water. • Water cycle • Solubility - Activity showing the floating and sinking of different objects • Impurities in water - Experiments showing the separation of insoluble and soluble impurities • Purification of water • Conservation of water- Visual clips on ways to save water • Summing up (notebook work and assignment) 	1 2 1 2 1 3 3 1 2 3 + 2 (A) (24 P)	<ul style="list-style-type: none"> ➤ Activity demonstrating the rate of viscosity ➤ Poster making/slogan on a message to conserve or save water
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July 2026 to September 2026 (NO. OF DAYS- 54)	Chapter-2 MYSTERY OF FOOD	<ul style="list-style-type: none"> • Microbes and their types • Bacteria (good and bad) • Diseases: Communicable and non-communicable diseases • Food Spoilage - Observing and recording the changes in bread that is spoiled by microorganisms. • Food preservation - Pasting pictures of different food items preserved by various techniques. • Digestion of food: Indigestion and danger of choking - Flow chart of the digestive system • Teeth and chewing - Method of brushing using a denture • Oral hygiene • Summing up (notebook work and assignment) 	1 1 3 2 2 3 3 1 3+ 2 (A)	<ul style="list-style-type: none"> ➤ Balanced diet Tiffin box ➤ A collage of different food items with their nutritional value. ➤ No – cook food activity (healthy food/ salad and sprouts)
	Chapter -3 ENERGY	<ul style="list-style-type: none"> • Force • Types of forces - Experiments showing gravitational, frictional, magnetic, electrostatic, and buoyant forces • Work • Different types of Simple machines - Demonstration of different types of levers • Energy • Different forms of Energy • Summing up (notebook work and assignment) 	1 3 1 3 1 1 3+ 2 (A)	<ul style="list-style-type: none"> ➤ Heat energy transfer activity using a metal spoon and hot water. ➤ Magnetic energy activity by using magnets.

	Chapter-4 ROCKS AND SOIL	<ul style="list-style-type: none"> • Soil Formation - Soil layer formation activity in a glass jar • Types of soil • Composition of soil • Soil Erosion - Activity showing soil erosion Soil Conservation • Rocks: Formation • Types of rocks- Demonstration of samples of different types of rocks • Summing up (notebook work and assignment) 	3 1 1 3 1 3 3+ 2 (A)	<ul style="list-style-type: none"> ➤ Uses of different types of rocks by giving examples (chalk, marble, granite, limestone). ➤ Rock (stone) painting
	Chapter-5 OUR HUMAN BODY (PART -1)	<ul style="list-style-type: none"> • Cell, tissue, organ and organ system • The Nervous system: Brain, Spinal cord and nerves. • The skeletal system: Skull, Backbone, Ribcage, Hip girdle, Shoulder girdle • Types of joints- Joint movement activity • The Muscular System: Voluntary Muscles, Involuntary Muscles • Summing up (notebook work and assignment) 	2 4 2 2 2 3+ 2 (A) (75 P)	<ul style="list-style-type: none"> ➤ Demonstration of different types of joints through a model of the skeleton ➤ Blind fold activity by using sensory organs
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PERIODIC TEST -1 Third week of May				
SYLLABUS: Chapter 1- WATER				
HALF-YEARLY EXAMS- (Third week of September)				
SYLLABUS: All chapters of Term I (Chapters from NCERT Book mentioned in syllabus, Notebook work, Notes and Assignments uploaded on portal and Revision)				

SUBJECT- SCIENCE
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Duration	Name of the Lesson	Concept/ Written Work	NO. OF PERIODS	Project/ Activity/Experiment/Diagram
October 2026 to December 2026 (NO. OF DAYS- 49)	Chapter-6 CLOTHES	<ul style="list-style-type: none"> • From thread to cloth • Types of fibres (Natural and synthetic) -Fabric identification test • Spinning and weaving • Life cycle of the silkworm- Diagram of the life cycle of the silkworm • Taking care of clothes • Traditional embroideries of India and their origin- Pasting pictures of different handicraft work on a chart. • Summing up (notebook work and assignment) 	1 2 1 1 1 3 3+ 2 (A)	<ul style="list-style-type: none"> ➤ Mat weaving activity ➤ Water absorption test of cotton and jute clothes.
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January 2027 to February 2027 (NO. OF DAYS- 19)	Chapter-7 RHYTHM OF NATURE	<ul style="list-style-type: none"> • Day and night- Day and night model using globe/ ball and torch • Seasons • Types of seasons • Changes in seasons- Seasonal change activity by measuring temperatures • Rotation and Revolution- Visual clips of rotation and revolution. • Celebrating seasons: festivals • Summing up (notebook work and assignment) 	3+ 2 (A)	<ul style="list-style-type: none"> ➤ Sub. Enrichment- Based on your favourite season, mention food items, clothing, weather, festivals and fruits available in that season.
	Chapter- 8 OUR HUMAN BODY (PART -2)	<ul style="list-style-type: none"> • The Circulatory System: Heart, Blood, Blood Vessels- Video presentation showing the circulation of blood in the body. • The Digestive System: parts of the digestive system, process of digestion in humans- Video presentation showing the journey of food in the alimentary canal. • The Excretory System (Parts and their functions) • Summing up (notebook work and assignment. 	4 3 2 3+ 2 (A) (46 P)	<ul style="list-style-type: none"> ➤ Heart rate activity by preparing a model of a stethoscope using a funnel and a tube
	Chapter- 9 AIR	<ul style="list-style-type: none"> • Air • Composition • Uses • Properties -Experiments to demonstrate the properties of air <ul style="list-style-type: none"> ❖ Air has mass ❖ Air occupies space ❖ Air exerts pressure • Atmosphere and its layers • Summing up (notebook work and assignment) 	1 1 2 3 2 3+ 2 (A) (60 P)	<ul style="list-style-type: none"> ➤ An experiment showing hot air rises up ➤ Air supports burning by using a candle and a glass jar
	Chapter-10 REPRODUCTION IN PLANTS	<ul style="list-style-type: none"> • Structure of a seed – Diagram of the structure of a seed. • Types of seed • Germination of seeds – Seed germination by using seeds of black gram/white gram/peas, etc (observing and recording the changes) • Seed dispersal – Understanding seed dispersal methods by showing video clips • Reproduction from other parts • Summing up (notebook work and assignment) 	2 1 2 3 3 3+ 2 (A) (21P)	<ul style="list-style-type: none"> ➤ Making a seed bomb using biodegradable waste. ➤ Vegetative propagation activity (by cutting the stem)

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PERIODIC TEST-2 Third week of December

SYLLABUS: Chapter 6 -CLOTHES

ANNUAL EXAMINATION- Second week of February

SYLLABUS: All chapters of Term II (Chapters from the NCERT Book mentioned in syllabus, Notebook work, Notes and Assignments uploaded on the portal and Revision)