| ACADEMIC PLANNER 2026-27 \| GRADE 6 \| SCIENCE – CURIOSITY (NCERT) | | | | |
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| **MONTH / PERIOD** | **CONTENT** | **CW / HW / ASSIGNMENT** | **ACTIVITY & INTERDISCIPLINARY** | **LEARNING OUTCOMES** |
| **BRIDGE ACTIVITIES APRIL 1-4** | Bridge Course | 4-Period Flow Plan<br>Day 1 – Observation Walk<br>Focus: Observing & recording<br>Day 2 – Sorting & Comparison<br>Discussion + Comparison tables<br>Day 3 – Classification & Conclusion Writing<br>Group categorisation + reflection<br>Day 4 – Concept Chart & Creative Presentation<br>Mind map + poster/drawing activity | Observation Walk/Nature walk: Children will be taken on a short walk around the school or outside to observe things that are usually seen in daily life, such as trees, leaves, birds, insects, and simple objects such as poles, nets, trees etc. | Bridging the Gap, Developing Foundational skills, Smooth transition and Enhance Equity and Confidence. By the end, students will be able to observe & record, differentiate, classify, compare, formulate questions, draw conclusions and demonstrate awareness. |
| **APRIL 2026 5 – 15 (11 days)** | Chapter 1 Wonderful World of Science | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-1 | • Interactive Explorations/Science Concept Cards for Observation and Thinking.<br>• Observation gathering and deducing.<br>• Preparing models.<br>• Interdisciplinary: History – Tracing the evolution of scientific discoveries; Mathematics – Understanding measurements, calculations in scientific experiments | By the end of the chapter students will be able to<br>❖Understand and apply scientific methods.<br>❖Ask scientific questions and make observations<br>❖Appreciate the role of science in daily life<br>❖Record and interpret data systematically |
| **APRIL 2026 16 – 28 (13 days)** | Chapter 2 Diversity in Living World | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-2 | • KWL Charts (Know, Want to Know, Learned)<br>• Interdisciplinary: Biology – Understanding classification, characteristics of living beings, and ecosystems | ❖ Make groups of plants and animals based on observation.<br>❖ List the examples under each group.<br>❖Explain the need for classification.<br>❖ Describe the characteristics of different plant/animal groups. |
| **MAY 2026 1 – 13 (9 days)** | Chapter 3 Mindful Eating: A Path to a Healthy Body | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-3 | • Sci-Fi Writing<br>– Multiple choice questions<br>• Interdisciplinary: Psychology – Understanding the impact of nutrition on mental habits, emotional and physical well-being | ❖ Define nutrients.<br>❖ List the components of food and their examples.<br>❖Understand the importance of balanced diet.<br>❖ Explain deficiency diseases and their prevention. |
| **SUMMER BREAK** | | | | |
| **JULY 2026 1 – 13 (13 days)** | Chapter 4 – Exploring Magnets | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-4 | • To study the properties of magnets<br>• Pen & Paper Test (Problem Solving)<br>• Interdisciplinary: Physics – Understanding magnetic forces, poles, and magnetic induction, and Earth's magnetic field.<br>• Science Concept Cards, Interactive Simulations | ❖ List the properties of magnets.<br>❖ Explain the Earth's magnetic field.<br>❖ Identify natural and artificial magnets.<br>❖ Describe poles of magnets and their interaction. |
| **JULY 2026 14 – 25 (10 days)** | Chapter 5 Measurement of Length and Motion | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-5 | • Think-Pair-Share (measurement exercises)<br>• Interdisciplinary: Physics – Measurement of Length: foundational in physics, data accuracy, units of measurement | ❖ Define physical quantity and measurement.<br>❖ List the units of length.<br>❖ Follow the correct method of measuring length.<br>❖ Distinguish between uniform and non-uniform motion. |
| **UNIT TEST-1 (20 JULY TO 25 JULY) CHAPTERS – 1, 2, 3** | | | | |
| **AUG 2026 1 – 13 (11 days)** | Chapter 6 Materials Around Us | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-6 | • Poster on materials in daily life<br>• Recycling Project<br>• Let us identify – objects & materials<br>• Let us group – common properties<br>• Self-Assessment and Reflection, Peer Review | ❖ Make groups of objects based on their properties.<br>❖ List the properties of materials.<br>❖ Explain the concept of solubility.<br>❖ Identify materials as natural or synthetic. |
| **AUG 2026 16 – 31 (11 days)** | Chapter 6 Materials Around Us contd.... | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-6 | • Poster on materials in daily life<br>• Recycling Project<br>• Let us identify – objects & materials<br>• Let us group – common properties<br>• Self-Assessment and Reflection, Peer Review | ❖ Make groups of objects based on their properties.<br>❖ List the properties of materials.<br>❖ Explain the concept of solubility<br>❖ Identify materials as natural or synthetic. |
| **SEPT 2026 1 – 15 (11 days)** | Revision for Half Yearly Examination (Chapter 1 – 6) | | | |
| **SEPT 2026 16-30 \| HALF YEARLY EXAMINATION (14 SEPT – 26 SEPT)** | | | | |
| **OCT 2026 1 – 15 (13 days)** | Chapter 7 Temperature and its Measurement | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-7 | • Think-Pair-Share<br>• Error analysis<br>• Interdisciplinary: Biology and Medicine – Body Temperature: understanding fever, hypothermia, and how the body regulates temperature | ❖ Define temperature.<br>❖ List the units of temperature.<br>❖ Understand how to measure temperature using a thermometer.<br>❖ Describe clinical and laboratory thermometers. |
| **OCT 2026 16 – 21 (6 days)** | Chapter 8 A Journey through States of Water | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-8 | • Activities around observing evaporation, condensation and changes of states through experiments<br>• Science Concept Cards, Interactive Simulations<br>• Interdisciplinary: Chemistry – Water as a Solvent: the liquid state of water is crucial in chemistry | ❖ List the states of water observed in surroundings.<br>❖ Give features that distinguish different states of water.<br>❖ Explain the water cycle.<br>❖ Describe the processes of evaporation and condensation. |
| **NOV 2026 1 – 15 (9 days)** | Chapter 9 Methods of Separation in Everyday Life | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-9 | • Lab-oriented activities such as filtration, sieving, decantation, and crystallization<br>• Interdisciplinary: Environmental Science – Water and Wastewater Treatment: Separation techniques are used in water purification | ❖ Define the terms component and mixture.<br>❖ List the examples of components and mixtures.<br>❖ Explain different methods of separation.<br>❖ Apply separation techniques to real-life situations. |
| **NOV 2026 16 – 28 (12 days)** | Chapter 10 Living Creatures: Exploring their Characteristics | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-10 | • Activities like observing growth, movement, life cycle, and life span (e.g., designing a life cycle poster of a butterfly)<br>• Interdisciplinary: Physiology – Understanding how organs and systems of living things work | ❖ Define the living and nonliving things.<br>❖ List the characteristics of living things.<br>❖ Explain life processes with examples.<br>❖ Distinguish between unicellular and multicellular organisms. |
| **UNIT TEST-2 (7 DEC – 14 DEC) CHAPTERS – 7, 8, 9** | | | | |
| **DEC 2026 1 – 15 (12 days)** | Chapter 11 Nature's Treasure | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-11 | • Natural Products Chemistry: Understanding natural resources and their connections to chemistry<br>• Exploration of different natural phenomena using scientific principles | ❖ List some natural resources.<br>❖ Give the importance of air for living things.<br>❖ Explain the significance of water conservation.<br>❖ Describe the importance of biodiversity. |
| **DEC 2026 16 – 31 (13 days)** | Chapter 11 Nature's Treasure | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-11 | • Science Concept Cards, Interactive Simulations<br>• MCQs and Science Quiz<br>• Pen & Paper Test<br>• Oral Revision | ❖ Define the terms planet, stars, galaxy and universe.<br>❖ List the names of the planets in order.<br>❖ Describe the characteristics of the solar system.<br>❖ Explain why Earth is unique among planets. |
| **JAN 2027 1 – 15 \| WINTER BREAK** | | | | |
| **JAN 2027 1 – 15 (9 days)** | Chapter 12 – Beyond Earth | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-12 | • Science Concept Cards, Interactive Simulations<br>• MCQs and Science Quiz<br>• Pen & Paper Test<br>• Astronomy and Astrophysics – Study of Celestial Bodies, Planetary Science | ❖ Define the terms planet, stars, galaxy and universe.<br>❖ List the names of the planets in order.<br>❖ Describe the characteristics of the solar system.<br>❖ Explain why Earth is unique among planets. |
| **JAN 2027 16 – 21 (13 days)** | Chapter 12 – Beyond Earth (Contd.) | T.B.Q's<br>Key Terms<br>Diagrams<br>Worksheets of Chapter-12 | • Practical exploration tasks like observation of sky objects, thinking about planetary missions<br>• Digital Tools (Padlet, Flipgrid) for student responses and presentations<br>• Astronomy and Astrophysics – Study of Celestial Bodies | ❖ Define the terms planet, stars, galaxy and universe.<br>❖ List the names of the planets in order.<br>❖ Describe the characteristics of the solar system.<br>❖ Explain why Earth is unique among planets. |
| **FEB 2027 1 – 15 (12 days)** | Annual Exam Revision | Chapter – 4, 7, 8, 9, 10, 11, 12 | • Pen & Paper Test<br>• Oral Revision | |
| **FEB 2027 16 onwards (11Days) \| ANNUAL EXAMINATION** | | | | |
| **MARCH 1-31(24 Days) \| ANNUAL EXAMINATION & RESULT** | | | | |