Sr No	Lesson Name	Learning objectives / Subtopic	Methodology	Pedagogical methods	Learning outcome	Teaching Aid	Teaching Place	Is lesson worksheet ready	Reff. books with pg no.	No. of lectures required	Class Activities / Diagrams / Map work	Activity Suggested — If Name
1	The Wonderful World of Science	Students will be able to understand what science is, ask questions and use observation to explore the world.	Interactive discussion, hands-on exploration	Demonstration, brainstorming with real life examples	Students will learn to observe, question, and identify scientific processes around them.	Objects from daily life	Classroom + Outdoor	Yes	Curiosity Ch 1 (Intro)	7	Nature walk	Observe 5 things at home and ask 5 questions about them
2	Diversity in the Living World	Students will learn to identify variety in living things and classify them into groups.	Group investigation, sorting activities	Group work, classification games	Students will differentiate between various plants and animals based on characteristics.	Pictures/ Specimens of organisms	Classroom	Yes	Curiosity Ch 2	8	Classification chart of animals/ plants	Create a mini field guide of local plants
3	Mindful Eating: A Path to a Healthy Body	Students will be able to identify food groups and understand what makes a balanced diet.	Food charts, discussion, practical examples	Role play, food diary activity	Students will learn to plan balanced meals and explain why each food group is important.	Food plates/ pictures	Classroom	Yes	Curiosity Ch 3	6	Food group collage	Make a weekly balanced diet plan
4	Exploring Magnets	Students will be able to investigate magnets, poles and magnetic vs non-magnetic materials.	Hands-on experiments	Guided discovery, group experiments	Students will identify magnetic and non-magnetic materials and understand magnetic interaction.	Bar/ horse-shoe magnets	Lab / classroom	Yes	Curiosity Ch 4	8	Magnetic trails	Test household objects for magnetism
5	Measurement of Length and Motion	Students will learn how to measure length, compare motion and use standard units.	Practical measurement tasks	Pair work, measurement challenges	Students will measure objects using rulers, compare distances, and describe motion.	Ruler, tape measure	Outdoor + classroom	Yes	Curiosity Ch 5	26	Motion diary	Measure distances and record units
6	Materials Around Us	Students will be able to identify different materials and their properties (hard/soft, bendable, etc.).	Material sorting, real examples	Sorting activity, discussion	Students will classify materials and connect their properties to everyday uses.	Samples of materials	Classroom	Yes	Curiosity Ch 6	7	Material hunt	Find 5 materials and state a property
7	Temperature and its Measurement	Students will learn how temperature is measured and what affects it.	Thermometer demo	Experiments, prediction activity	Students will record temperatures, interpret changes and relate to real life.	Thermometer , water	Lab/class	Yes	Curiosity Ch 7	9	Temperature chart	Record temp. at 3 times in a day
8	A Journey Through States of Water	Students will explore states of water and changes (melting, evaporation).	Experiments with water	Inquiry-based activities	Students will understand solids/ liquids/gases through demonstrations and	Ice/water/ safe heat	Lab	Yes	Curiosity Ch 8	7	Water cycle diagram	Show evaporation using a bowl & sun
9	Methods of Separation in Everyday Life	Students will be able to explain different ways to separate mixtures (filtration, handpicking).	Separation demonstrations	Hands-on separation tasks	Students will practice techniques and explain when to use each method.	Filters/sieves	Lab/class	Yes	Curiosity Ch 9	6	Separation stations	Separate a mixture using 3 methods

10	Living Creatures: Exploring their Characteristics	Students will study characteristics of living organisms (growth, movement).	Observation and journaling	Field observation + discussion	Students will distinguish living vs non-living based on characteristics and give examples.	Live plants/ animals images	Classroom + Outdoor	Yes	Curiosity Ch 10	10	Model observation	List living vs non-living things seen
11	Nature’s Treasures	Students will learn about natural resources and need for conservation.	Storytelling, case study	Discussion on sustainability	Students will identify resources and explain conservation methods.	Pictures/ Charts	Classroom	Yes	Curiosity Ch 11	9	Resource poster	Make a poster on saving water
12	Beyond Earth	Students will understand basics of space, planets and celestial bodies.	Model making, videos	Interactive talk, model exploration	Students will identify planets, stars and describe Earth’s position in solar system.	Solar system chart	Classroom	Yes	Curiosity Ch 12	8	Create solar model	Build simple planet model
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