

Subject	End of EYFS	End of Key Stage 1 end points	End of Key Stage 2 end points
Science	The Natural World - Explore the natural world around them, making observations and drawing pictures of animals and plants. - Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.	Working Scientifically - Ask simple scientific questions and suggest ways to answer them. - Make close observations using basic equipment. - Perform simple tests and investigations. - Gather and record data using simple charts, tables, drawings, and labels. - Use observations to answer questions and explain what they have found. Biology - Name and describe the basic structure of: - Common plants (roots, stem, leaves, flowers) - Common animals (including humans) - Identify and name a variety of common animals, classify them, and describe their basic needs. - Describe how animals obtain food and understand simple food chains. - Identify human body parts and understand the importance of exercise, nutrition, and hygiene. - Observe and describe how plants grow from seeds and bulbs. - Describe basic life cycles of plants and animals. Chemistry	Working Scientifically - Ask relevant scientific questions and plan fair tests. - Select and use appropriate equipment accurately. - Make systematic and careful observations. - Record data using tables, charts, graphs, and diagrams. - Use evidence to support conclusions and explain results. - Recognise variables and control them where necessary. - Report and present findings clearly using scientific language. Biology - Describe the functions of major organs in plants and animals. - Explain life cycles of plants, animals, and humans. - Describe reproduction in plants and animals. - Classify living organisms into broad groups. - Describe how living things are adapted to their environments. - Explain how habitats can change and the impact on living things. - Use the concept of evolution and inheritance to explain variation. Chemistry

		• Distinguish between an object and the material it is made from. • Identify and name a variety of everyday materials. • Describe simple physical properties of materials. • Compare materials and explain why they are suitable for particular uses. • Describe changes to materials such as bending, stretching, twisting, squashing, and melting. Physics • Identify everyday sources of light and sound. • Recognise that light is needed in order to see. • Describe how sounds are made and change. • Observe and describe seasonal weather patterns. • Describe the sun, moon, and day/night patterns.	• Identify solids, liquids, and gases and describe changes of state. • Use knowledge of evaporation, condensation, dissolution, and separation. • Compare and group materials based on properties and behaviours. • Understand reversible and irreversible changes. • Explain how some materials can be separated using filtration, evaporation, and magnetism. Physics • Describe forces and their effects, including gravity, friction, air resistance, and water resistance. • Explain how simple mechanisms (levers, pulleys, gears) affect forces. • Describe how light travels, reflects, and forms shadows. • Explain how sound travels and how pitch and volume change. • Describe electrical circuits and explain how components function. • Describe Earth's movement in space and its effect on day/night. • Explain how the Earth, moon, and sun relate to seasons (KS2 level).
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