

Science

Year 1 Learning Ladder



Year 1 Programme of Study Objectives	Teacher Assessment
Scientific Skills (Taught throughout the year across all units)	
Ask simple questions about the world around them.	
Observe closely, using simple equipment.	
Perform simple tests.	
Identify and classify.	
Use observations and ideas to suggest answers to questions.	
Gather and record data to help in answering questions.	
Unit 1: Animals including Humans	
2b. To understand animals and humans (Biology)	
Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	
2d. To understand evolution and inheritance (Biology)	
Identify how humans resemble their parents in many features.	
Unit 2: Light and sound	
4b. To understand light and seeing (Physics)	
Observe and name a variety of sources of light, including electric lights, flames and the sun, explaining that we see things because light travels from them to our eyes.	
4c. To investigate sound and hearing (Physics)	
Observe and name a variety of sources of sound, noticing that we hear with our ears.	
Unit 3: Earth and Space	
4e. To understand the Earth's movement in space (Physics)	
Observe the apparent movement of the Sun during the day.	
Observe changes across the four seasons.	
Observe and describe weather associated with the seasons and how day length varies.	
Unit 4: Plants	
2a. To understand plants (Biology)	
Identify and name a variety of common plants, including garden plants, wild plants and trees and those classified as deciduous and evergreen.	
Identify and describe the basic structure of a variety of common flowering plants, including roots, stem/trunk, leaves and flowers.	
Observe and describe how seeds and bulbs grow into mature plants.	
Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	
Materials	
Names different materials and discusses simple properties	