EYFS Targets relating to Science	Year 1 Knowledge progression	Children working at national standard
Communication and language: • Learn new vocabulary. • Ask questions to find out more and to check what has been said to them. • Articulate their ideas and thoughts in well-formed sentences. • Describe events in some detail. • Use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might happen. • Use new vocabulary in different contexts. **Personal, social and emotional development:** • Know and talk about the different factors that support their overall health and wellbeing: - regular physical activity - healthy eating - toothbrushing - sensible amounts of 'screen time' - having a good sleep routine - being a safe pedestrian **Understanding the world:** • Explore the natural world around them. • Describe what they see, hear and feel while they are outside. • Recognise some environments that are different to the one in which they live. • Understand the effect of changing seasons on the natural • world around them.	Working Scientifically	• Asking simple questions and recognising that they can be answered in different ways. • Observing closely, using simple equipment. • Performing simple tests. • Identifying and classifying. • Using their observations and ideas to suggest answers to questions. • Gathering and recording data to help in answering questions.
	Plants	• Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. • Identify and describe the basic structure of a variety of common flowering plants, including trees.
	Animals, including humans	• Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals including pets). • Identify and name a variety of common animals that are carnivores, herbivores and omnivores.
	Properties of materials	• Distinguish between an object and the material from which it is made • Compare and group together a variety of everyday materials on the basis of their simple physical properties • Describe the simple physical properties of a variety of everyday materials. • Identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
	Seasonal changes	• Observe changes across the four seasons. • Observe and describe weather associated with the seasons and how day length varies.