

Working Scientifically

National Curriculum Links	Observing Closely	Performing Tests	Identifying and Classifying	Recording Findings
During Years 1 and 2, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: - 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.	- Can they use <see, touch, smell, hear or taste> to help them answer questions? - Can they use some science words to describe what they have seen and measured? - Can they compare several things?	- Can they carry out a simple fair test? - Can they explain why it might not be fair to compare two things? - Can they say whether things happened as they expected? - Can they suggest how to find things out? - Can they use prompts to find things out?	- Can they organise things into groups? - Can they find simple patterns (or associations)? - Can they identify animals and plants by a specific criteria, e.g, lay eggs or not; have feathers or not?	- Can they use (text, diagrams, pictures, charts, tables)to record their observations? - Can they measure using <simple equipment>?
	More Challenging			
	Observing Closely Can they suggest ways of finding out through listening, hearing, smelling, touching and tasting?	Performing Tests Can they say whether things happened as they expected and if not, why not?	Identifying and Classifying Can they suggest more than one way of grouping animals and plants and explain their reasons?	Recording Findings Can they use information from books and online information to find things out?