

Science – Key Skills in Working Scientifically

At the end of Key Stage 1, children should be able to:	
1	Ask simple questions and recognise that they can be answered in different ways.
2	Observe closely, using simple equipment.
3	Gather and record data to help in answering questions.
4	Perform simple tests and investigations.
5	Identify and classify objects and living things.
6	Use their observations and ideas to suggest answers to questions.
At the end of Key Stage 2, children should be able to:	
1	Plan different types of science enquiries to answer questions, including recognising and controlling variables where necessary.
2	Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.
3	Record data and results of increasing complexity using scientific diagrams and labels, classification keys, scatter graphs, bar and line graphs.
4	Report and present findings in oral and written forms such as displays and other presentations.
5	Identify scientific evidence that has been used to support or refute ideas or arguments.
6	Use test results to make predictions to set up further comparative and fair tests.