

Brookside Progression of Scientific enquiry skills

Years 1 and 2	Years 3 and 4	Years 5 and 6
I recognise that questions can be answered in different ways.	I ask my own questions. I use different ways to answer them.	I ask different kinds of questions.
I ask simple questions.	I suggest improvements and raise further questions.	I use results to make predictions and set up more tests (including fair tests).
I use simple scientific language.	I use relevant scientific language.	I use relevant scientific language and illustrations.
I talk about what I have found out.	I draw simple conclusions and make predictions for new values.	I report and present findings using speaking and writing including displays and presentations.
I gather and record simple data in different ways.	I explain what I have found out using speaking and writing.	I decide how to record data and results. I can use scientific diagrams, labels, classification, keys, tables, scatter, bar and line graphs.
I use simple equipment to make measurements.	I gather, record, classify and present data in different ways including drawings, labelled diagrams, keys, bar charts and tables.	I use different scientific equipment to measure with precision. I take repeat readings when appropriate.
I observe closely.	I use different equipment to measure accurately in standard units.	I decide what observations and measurements to make.
I can compare things- I sort them and group them.	I make careful observations.	I can set up fair tests when necessary.
I perform simple tests.	I set up my own simple tests.	I plan different types of scientific enquiries to answer questions.