

I question why things happen.



I notice differences and similarities.

I can use my senses and look closely.



I have my own ideas.



## Working Scientifically

### EYFS

I use equipment and tools carefully



I can create simple representations of people and objects.

I test my ideas.



I can talk about things like plants, animals, natural and found objects.

I recognise that questions can be answered in different ways.

I use simple equipment to make measurements.

I can compare things. I can sort and group them.

I observe closely.

### **Working Scientifically**

**KS1**



I use scientific language.

I ask simple questions

I can perform simple tests.

I can talk about what I found out.

I gather and record simple data in different ways.

I ask my own questions and use different ways to answer them.

I set up my own simple tests.

I draw simple conclusions and make predictions for new values.

I suggest improvements and raise further questions

### **Working Scientifically**

#### **LKS2 (Y3 and 4)**

I explain what I have found out using speaking and writing.

I use relevant scientific language.

I gather, record, classify and present data in different ways including drawings, labelled diagrams, keys, bar charts and tables.

I use different equipment to measure accurately in standard units.

I make careful observations.

I decide what observations and measurements to make.

I ask different kinds of questions.

I plan different types of scientific enquiries to answer questions.

I report and present findings using speaking and writing, including displays and presentations.

I can set up fair testing when necessary.

I use relevant scientific language and illustrations.

### **Working Scientifically**

### **UKS2 (Y5 and 6)**

I use results to make predictions and set up more tests (including fair tests)

I decide what observations and measurements to make.

I decide how to record data and results. I can use scientific diagrams, labels, classification, keys, tables, scatter bar and line graphs.