

I question why things happen

I have my own ideas

I test my ideas

I begin to use science words

I notice similarities and differences



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

I can use my senses and look closely

I can create simple representations of people and objects

I use equipment and tools carefully

EYFS

I ask simple questions.

I recognise that questions can be answered in different ways

I perform simple tests

I use simple scientific language

I can compare things. I sort and group them

I talk about what I have found out

I observe closely

I gather and record simple data in different ways

I use simple equipment to make measurements



Y1 and 2

I suggest improvements and raise further questions

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

I set up my own simple tests

I make careful observations

I use relevant scientific language



I use different equipment to measure accurately in standard units

I draw simple conclusions and make predictions for new values

I explain what I have found out using speaking and writing

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

Y3 and 4

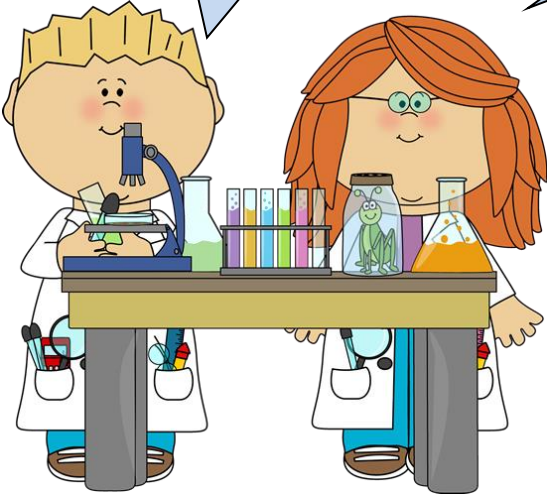
I ask different kinds of questions

I plan different types of scientific enquiries to answer questions

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

I can set up fair tests when necessary

I use relevant scientific language and illustrations



I decide what observations and measurements to make

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

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

I use different scientific equipment to measure with precision. I take repeat readings when appropriate

Y5 and 6