

Hook in

You tube clips made by other children of 'experiments'

Clip of teachers conducting an experiment

Final outcome

Children to create own videos of science experiments to share with the class

English

SATs prep and testing

Visits & Events

Links with secondary schools and universities to invite guest scientists.

Parents involved in science to be invited in to share their knowledge and inspire children.

Super scientists

Year 6 – Summer 1
(3 weeks –
afternoons)

Science

Working scientifically

Planning different types of scientific enquiries to answer **questions**, including recognising and controlling variables where necessary. Identifying **scientific evidence** that has been used to support or refute ideas or arguments

Taking **measurements**, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings where necessary.

Using test results to make predictions to set up further comparative and fair tests

Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs.

Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations.

Pupils should read, spell and pronounce scientific **vocabulary** correctly

- *I can plan different types of scientific enquiry.*
- *I can control variables in an enquiry.*
- *I can measure accurately and precisely using a range of equipment.*
- *I can record data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.*
- *I can use the outcome of test results to make predictions and set up a further comparative fair test.*
- *I can report findings from enquiries in a range of ways.*
- *I can explain a conclusion from an enquiry.*
- *I can explain causal relationships in an enquiry.*
- *I can relate the outcome from an enquiry to scientific knowledge in order to state whether evidence supports or refutes an argument or theory.*
- *Read, spell and pronounce scientific vocabulary accurately.*