



Science Homework Project

24th February- 17th March



Science encourages types of learning such as critical thinking and problem-solving which will be applicable in the rest of their lives in and out of the classroom. It's also a way of understanding how the world around us works.

The homework project for the whole school extends from 24th February to the week beginning 17th March (National Science Week) to allow pupils time to do it well. Your task is to conduct a science experiment at home and write it up either in your books across a double page, or display as some of these pupils have done below.

What should my Science Project be About?

We've left this as open as possible so that pupils can link it to literally anything they are interested in. In the past, pupils have involved in eclectic projects ranging from building a balloon-powered car, to investigating which flower grows fastest, to which types of food their dog prefers. There are hundreds of great ideas at the links below of projects you can do

<https://www.sciencebuddies.org/science-fair-projects/science-projects>

<https://sciencebob.com/wp-content/uploads/2015/04/Science-Fair-Ideas.pdf>

<https://www.science-sparks.com/10-of-the-best-science-experiments-for-kids/>

How should it be set out?

An experiment write-up should include the following:

- A big bold title
- An explanation of what you're trying to find out
- A prediction of what will happen (don't worry if it's not correct later)
- A list of your apparatus or things you'll need
- What you did (a method)
- Pictures and/or diagrams
- Results in a table (and a graph if possible)
- Conclusion - what you can tell from your results? Do you have any ideas as to why this is?
- What could be improved in your experiment to make it an even more accurate test?

