

12.6.20 Dear Owls,

I do hope you are all managing as well as you can. I thought you might like some information about the science we would have done. **(New themes in red below)**

All of the work we would have done would have included some of this: it's called 'Working scientifically'. The words in italics are the main points.

- *Planning different types of scientific enquiries to answer questions*, including recognising and controlling variables where necessary
- *taking measurements*, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- *recording data and results* of increasing complexity *using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs*
- *using test results* to make predictions to set up further comparative and fair tests
- *reporting and presenting findings* from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations
- identifying scientific evidence that has been used to support or refute ideas or arguments

There is a lot of science you can do at home just by being curious about the world around you. Thinking something through before you "find out" and using the internet is the best way to keep you scientific mind in good shape. You can conduct experiments if you like, but would always need to ask permission and be properly supervised while you do them. Keep a notebook, so you can keep track of what questions you asked and what you found out.

Of course you are trying to build knowledge, but you are also trying to train your mind to think a certain way too.

Here are the units we would have covered in the Summer term ..

Evolution (from Oak Academy);

Light (Twinkl will help here – Year 5 and Year 6);

Observing the behaviour of particles through mixing liquids/solids etc (home learning under supervision)

Sources of help

Twinkl home hub (parent section) has experiments for children of different ages. These are all achievable at home. These are free to parents, according to the site, once an account has been created.

Oak National Academy

This website is written by teachers in your year group, so you should be able to find help with specific topics in science.

BBC Bitesize is a good source of help for understanding science.

I will update this list with the names of any other science units should the school remain closed for longer.

Kind regards,

Ms Rolph