

Dear Rabbits,

We hope you are all managing as well as you can. We thought you might like some information about the Science we would have done.

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. For example, we looked the melting point of chocolate and identified the different variables.
- ***taking measurements***, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate. For example, we measured how long chocolate took to melt in different temperatures.
- ***recording data and results*** of increasing complexity ***using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs***. For example, we recorded how long it took the light of a candle to go out when it was covered by different size glasses in a table.
- ***using test results*** to make predictions to set up further comparative and fair tests. For example, we would have been testing different circuits and what worked and what did not. We would have been testing different insulators and conductors.
- ***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. For example, we did pieces of writing on what we found in our experiments to summarise our learning.

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 your 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 your notes in your exercise book, 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.

We would have covered this topic

Electricity

This term would we would have been finding out about electricity.

We would have been looking at what electricity is and how it was discovered.

You could find out about why some things need electricity and identify ways to keep safe around it. You could look at pictures of circuits from the sources of help and the different components that make up these circuits. You could look at the definitions of conductors and insulators and find examples of these/

We know that electricity can be dangerous you could make posters of how to stay safe around electricity.

You could try to draw your own circuits - this would be an activity that would need adult guidance and explanation.

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 website

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 and has lots of video clips on it.

We look forward to hearing from you about science work that you've done at home! Use the school's Facebook page to share your pictures and comments.

Miss Dixon ☺