

## 12.6.20 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 during this Summer Term – **new activities below are in red.**

All of the work we would have done would have included some of this: it's called 'Working scientifically'. The word 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 work. 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” 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 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 continuing to learn about electricity.

We would have previously looked at what electricity is and how it was discovered. Now that we know what this is, you can look at what different types of electricity there is- some things run on batteries, some things run on mains- can you identify these?

We would have been looking at switches- how does a switch turn electrical current on and off. You can report findings either by writing them or speaking them.

We would have been looking at circuits. How does an electrical circuit work and how can you tell if a circuit is incomplete.

Different materials conduct electricity- you could explore these and research electrical conductors and report your findings.

### **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 😊