

Dear Robins and Y1 Hedgehogs,

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'.

- **Ask your own questions about what you notice.**
- **Using simple equipment to answer questions.** (For example, measuring with a ruler or liquid in a jug.)
- **Observing changes over time / noticing patterns** For example, noticing how the weather changes each day.
- **Grouping and classifying things** For example, sorting objects by colour, shape, size.
- **Finding things out using secondary sources of information** For example, using the internet and books.
- **Communicate ideas, about what you have found out in a variety of ways.** For example, drawing pictures, taking photographs, writing sentences, telling a grown up, make a PowerPoint presentation or type on a word document.

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". Use the internet to keep your scientific mind in good shape. You can carry out 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.

We would have covered this topic ...

Materials Matter

This term we would have been finding out about materials and their properties.

We would have been looking at paper, wood, metal, plastic, cloth etc.

You could find out about why we use certain materials for certain things e.g. Why are swimming costumes not made out of metal? Why are knives and forks not made out of paper?

We know that some materials are waterproof – you could do an experiment to find out which material is best suited to make a rain coat. Why have you chosen this material?

Experiment with different materials and their uses. Look at The Three Little Pigs – which pig chose the best material to build with? Why?

How are different materials made? What happens to the recycling after it is collected? Is it made into something else? How many different materials can you find in your home?

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 Rowston and Miss Thompson 😊