

**Dear Robins and Year 1s in 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. **For the Summer term, we would have looked at Scientists and Inventors (See the activities below in red).****

**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" using the internet is the best way 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 in the Summer term ....

This term we would have been finding out about **Scientists and Inventors**. Have a go at some of these activities ..

Lego – when was it invented? What is it made of? What are its properties? Does it sink or float? Why?

Research Mae Jemison – Who is she? What did she achieve? What is she famous for? Make a cartoon strip of her life story.

Zoos – classifying and sorting animals based on different elements e.g. habitats, diet, body type. Make a poster for a zoo animal.

Sensory Garden – can you create one? Name different plants, make a bar chart to show your family's favourite plant. Which plants do you have in your garden? Observe changes between seasons e.g. leaves on trees.

Measuring the weather – what do weather people do? Can you watch a weather forecast on the news? What do the different symbols mean? Can you record rain fall using a bottle at home? Keep a weather diary for wind, rain or sun. Observe and describe the weather on different days/months/seasons.

Vets – describe how vets look after animals and why. Identify parts of animals bodies, how are they different, how do they adapt to different situations. Make an information powerpoint about what a vet does.

### **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.