

Science Newsletter

Spring Term



Dear Families,

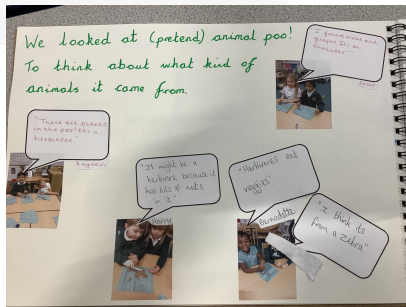
Here is an update about the fantastic work going on in Science across school. We have an experiential approach to teaching science. This means our pupils 'do' science as opposed to writing about science. Pupils use modelling, observing and experimenting to find out all they can about the topic they are doing. We assess how the pupils work scientifically in each unit with an independent task. Each class has a floor book where they record the science work they have done. These are wonderful documents showing how exciting and vibrant our curriculum is.

Here are some pictures of our floor books.



Year 1

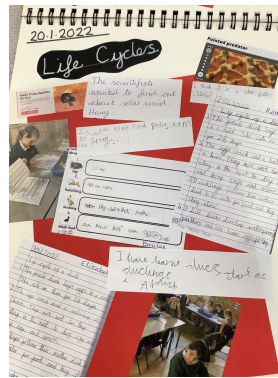
We have studied animals using vocabulary such as **herbivore**, **carnivore** and **omnivore**.



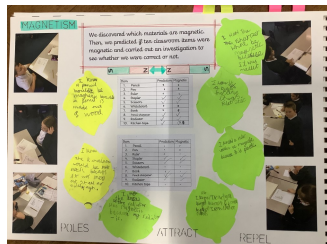
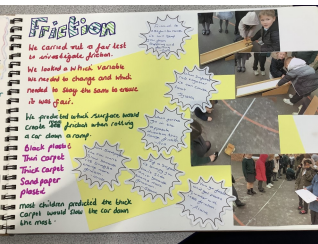
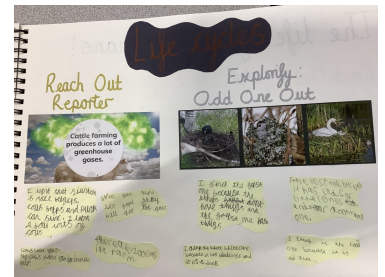
We are currently looking at trees and the differences between **deciduous** and **evergreens**.

Year 2

We have been studying **life cycle** of different species and finding out how some creatures change dramatically during their lifecycle.

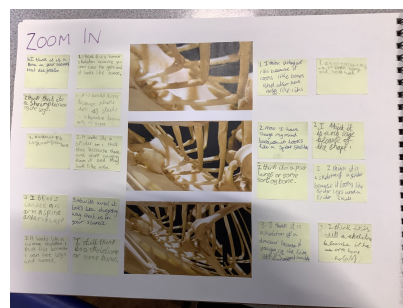


We also enjoy watching **Reach out Reporter** and using **Explorify** activities to learn about science in the real world.



Year 3

In Year 3, we have experimented with forces. We have looked at **friction**, **magnetism** and how **forces** act against each other. We have also explored how **light** travels and how **shadows** are formed.



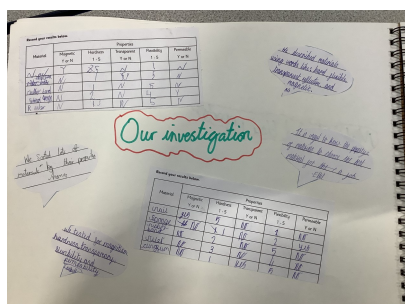
Year 4

In Year 4, we have been studying life processes. We have explored **nutrition** and how the human body digests food. We had great fun when we modelled this. We have also looked at **food chains**.

In work on **teeth**, we were surprised to find out we had different types of teeth. We are going to find out how our favourite drinks might cause damage to our teeth. We love doing the Zoom in Zoom out activities on Explorify

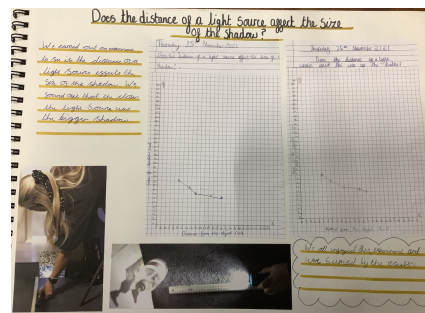
Year 5

In Year 5, we have done several experiments testing the properties of different materials. We have explored **absorption**, **hardness**, **conductivity** and **transparency**. We have then looked at why different materials are used for different objects.



We will be learning how to make a test fair and show our results in an understandable way.

Year 6



In Year 6, we have begun to use graphs and charts to represent the findings from our experiments. We have been exploring how light travels and how shadows change.