

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 write 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. The are wonderful documents showing how exciting and vibrant our curriculum is. Here are some pictures of our floor books.



Year 1

In Year 1 we have been focusing on animals including humans. We have looked at grouping animals, looking at whether they are omnivores, carnivores or herbivores. We then explored 'poo' to work

out whether the animals were omnivores, carnivores or herbivores depending on what was in it. We have also looked at our body parts and have played Simon says and have labelled body parts after drawing round ourselves.



Year 2

Y2 had fun before half term experimenting with slime mixtures. We tried different recipes in groups to see which one made the best slime. Things went wrong but we soon realised that we didn't add enough activator. We preferred the recipes with food colouring to make the slime look more exciting.

Year 3

We have been doing Rocks and Soils. Our most experiential lesson has to be our visit to Saltburn. As we hit the beach the children spotted the cliff and told us it was sedimentary. They then explored the different rocks and talked about their features and identified some rocks that appeared to be metamorphic.

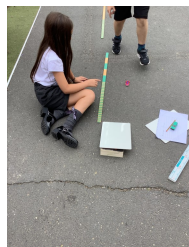
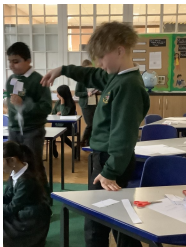


Year 4



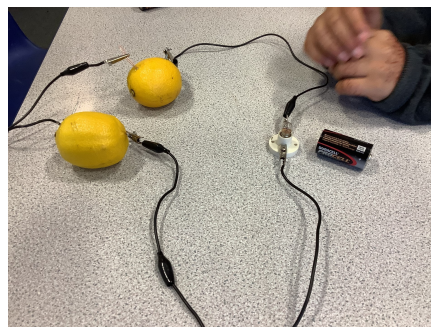
In Year 4 we have been looking at solids, liquids and gases. We mixed yeast water and sugar in a bottle and put a balloon over the lid of the bottle to demonstrate

Year 5



We have been exploring forces by doing several different experiments. The one we enjoyed most was when we made spinners and tested how long it took them to drop to the floor. We have been learning how to write conclusions

Year 6



We tried to make a circuit with zinc nails and lemons. It did not work because the nails did not have enough zinc in them.