

Science Blog





March 2020 EYFS Planting Beanstalks

In Nursery, we have enjoyed reading the story 'Jack and the Beanstalk', we planted our very own beanstalks to watch them grow over a period of time. The children really enjoyed watching the plant grow, and we discussed how plants need water and sun to grow.



March 2020

Retention afternoon

The children throughout school had an afternoon to focus on previous science teaching. They looked at topics they have covered this year and in previous years to recap using their science must knows. Each class did this in various ways through reading comprehensions, must knows quizzes or research tasks. The children really enjoyed it!

March 2020 Science Week

What a fantastic week! The children have worked like scientists to learn more about on this year's science theme 'Our Diverse Planet'. We discussed the world around us including diverse people and places.

Fundraising

As our Science week theme this year was 'Our Diverse Planet' as a school we dressed in blue, green or anything to do with our planet to raise some money.

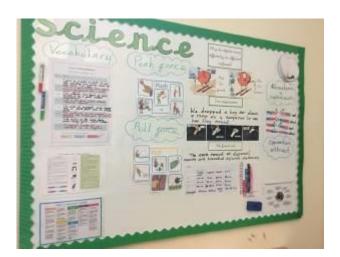
We raised <u>£82.35</u> which will be going to WWF to support our planet. Well done everyone!

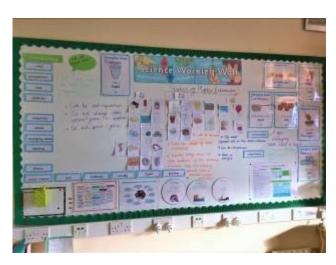




March 2020

Wonderful Science Displays
Have a look at our superb science working walls in school. They show key vocabulary linked to the current topic, examples of what they are learning and how they are working scientifically as scientists.









March 2020 EYFS Caterpillars

In Nursery, we have been reading the story 'The Very Hungry Caterpillar'. We have been learning all about the lifecycle and we are very lucky to be able to look after our very own caterpillars. The children enjoyed watching them change and grow over a period of time, the children used their gentle hands and quiet voices as they showed care and concern for living things.



February 2020

Year 3 Rock Investigation

Year 3 have been investigating the properties of different igneous, sedimentary and metamorphic rocks. They tested the durability by carrying out the scratch test using sand paper. They also investigated permeability by adding a small amount of water to each rock and observing what happened over a set period of time. Density was tested using the sink or float experiment which was also observed over a set period of time.





February 2020 EYFS Mirrors Outside

Children used the mirrors outside to talk about why they are different and what makes them look different. They then talked about how differences are good and just because we are all different, we can all be friends and treat each other fairly and equally.



February 2020

Year 3 Fossilised Dinosaur Bones

Year 3 replicated the fossilisation process and sped this up by a few million years.



EYFS Seasons Calendar

This week the children have been making their very own calendars for 2020! We have based these on the different seasons, we talked about the different things that happen in each season, and the changes that happen around us. The children loved making them and can't wait to bring them home!



December 2019 EYFS Melting Ice Children in EYFS have been looking at autumn and winter related objects. They have been

talking about the changes in our surroundings during autumn and winter for example; the leaves changing colours. Miss Fudge explored ice with the children and they talked about how and why ice forms and melts. During this they also talked about how snow is formed and the different things they can do in the snow. The children loved this activity!

November 2019 EYFS Making Fruit Kebab

Today for healthy living day the children have enjoyed a variety of activities including playing in the dentist role play, using the dentist set in the play dough area, talking about what things make us healthy and what things don't and even making fruit kebabs. Some of the children even got to share these activities with their grown ups! Thank you to all the grown ups that attended. We have had lots of fun so far!

October 2019 EYFS Minibeasts

Last week the children showed an interest in mini beasts, to follow their interest we are using the magnifying glasses to hunt for mini beasts.



October 2019

Year 4 The effects of enamel on our teeth

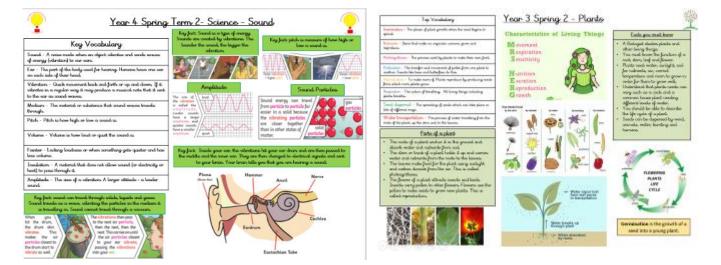
Year 4 conducted a scientific experiment to observe the effects that different drinks have on the enamel on our teeth. They used boiled eggs to do this as the hard shell on the egg has similar properties to the enamel coating on our teeth. They observed the changes to the egg over 7 days and found that sugary drinks led to cracks and holes in the egg shells. They concluded that drinking too many sugary drinks can give us cavities and can wear down the enamel on our teeth!

September 2019 Whole School Must Knows:

This academic year we have introduced must knows to our science teaching. We start each topic with a copy of the must knows shown below. They include the vocabulary to be learnt and the key teaching. They use them every lesson to



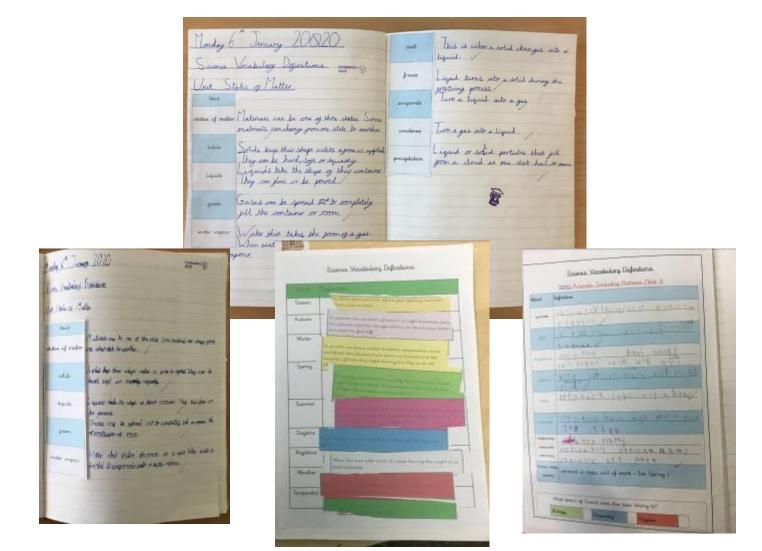
discuss prior learning and future learning as a working document. At the end of each topic they will be assessed on these must knows to see how much they know.



September 2019

Whole School Vocabulary Dictation Activity

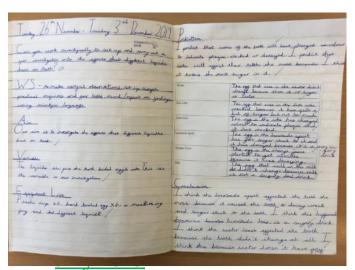
This academic year we have introduced a whole school vocabulary dictation activity. At the start of each new science topic we select key vocabulary the children need to know and we ask them to write the definitions as we dictate them. We differentiate this task throughout school as you can see below.

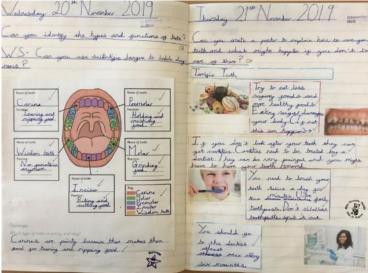


September 2019

Wonderful Science Work

Here is some wonderful science work from a range of year groups in school. As you can see the children at Dean Field take pride in their science work and love to use their scientific skills to deepen their understanding about the world around them.





Year 3 Trip to the Science and Media Museum

Year 3 visited the Science and Media Museum to support their learning on 'light.' They took part in a workshop where they learnt about the importance of light when using cameras and how we can use refraction to see small things like bacteria.



