

Nature and Beyond

Week commencing 11/05/2020

Topic

You will find additional information and pictures to support your topic learning on our section of the Academy website.

Don't forget about our home learning gallery on the Academy website and our Twitter page where your work can be displayed.

We can't wait to see the amazing work you will produce.

We will also be giving class champion points so don't forget to share your work with us!

PSHE

Throughout the covid-19 lockdown a lot of people around the country have been working hard to help and support the people of the united kingdom.

Have a family discussion on NHS workers/ key workers/ care workers and how their work is currently influencing and helping our families lives as well as the people in our countries lives.

Write a thank you letter.



Science

Today we are going to think about the question

'Which requirements have the strongest effect on health and growth?'

(water, air, light)

Why are these so essential?

Today we are going to focus on water.

If possible, carry out the food dye experiment below. If you are unable to carry out the experiment watch the video below.

<https://www.bbc.co.uk/teach/class-clips-video/science-ks1-ks2-ivys-plant-workshop-how-does-water-get-from-the-roots-to-the-leaves/zdtfjhw>

How does this explain how plants get their water?

Draw a diagram showing this.

Geography

Recap the layers of the earth.

Draw a diagram of the earth and label each layer correctly. Use your learning from last week to support you.

Another layer of the earth includes 'tectonic plates'

Where do you think these might be? Add them to your diagram.

Try the activity on the Academy website to model the movement of tectonic plates.

The movement of tectonic plates cause earthquakes, but not all earthquakes are felt as some are stronger than others are.

Take a look at the Mercalli scale.

Discuss your ideas on why some earthquakes are stronger than others are.

Look at the live earthquake monitor and discuss where they occur more frequently. Why?

Look at a map of the world and locate where the earthquakes are occurring.

Computing- Algorithms

Open the website 'scratch'

<https://scratch.mit.edu/>

Your log-in details are below.

First click on the create tab.

Next click the tutorials tab.

Then choose the 'Getting started' tutorial.

Watch the video and have a go at creating an algorithm for the cat to follow.



Class Morpurgo VS Class Pratchett!

Login to TTRS– the winner will be announced on the OADV Twitter account on the 18th May!



Science
Food colouring experiment.

You will need:

Flowers or celery
A glass of water
Food colouring

Instructions:

1. First fill your glass with water half way.
2. Add 3 drops of food colouring to your glass.
3. Then carefully cut the end of each flowers stem.
4. Place your flower into the glass.
5. Finally wait and observe the changes to your flower.

Don't forget to send me pictures of your experiment!!

Computing.
Scratch.

Class Morpurgo log in details:

Username: ClassMorpurgo

Password: ClassMorpurgo3

Class Pratchett log in details:

Username: ClassPratchett

Password: ClassPratchett3