



Northcott KS3 Science

Every two weeks we will create learning activities to access at home around a science investigation. Pupils can choose from the activities below, or they can create their own and share their projects with their teacher or on twitter. We will be putting regular video updates on the schools website to give you some ideas to get you started. The investigations have been designed to be fun and hands-on, so give it a go! This week we will be looking at our environment.

Our Marvellous Environment

Since the lock down, many people have said how much our environment has improved. Less factories, cars and planes are running causing pollution levels to fall. Reports from all around the world have been saying how much the air quality has improved. More animals have been seen in outside due to the fact there are less people about. Your challenge is to investigate the environment around you. Have you noticed more birds than usual? Have any unusual animals paid your garden a visit? Have you noticed anything interesting during your daily exercise outside? We need you to report your findings back to us.

Investigate

- 1) Complete a nature study. What different plants and animals can you find in the environment around you?
- 2) Take photos of interesting things that you see.
- 3) Make a list or tally chart of all the different living things you observe.
- 4) Carry out some research about the plants or animals you have seen



Report

- 1) Make a video diary tell us about the interesting things you have seen.
- 2) Write a fact file or newspaper report about the living things in your area.
- 3) Use your tally chart to draw a bar graph showing the different types of living things in your environment.



Design

- 1) Complete the online picture quiz. Then design your own. Send it to us and try to beat the teacher.
- 2) Make a modal ecosystem using a card board box
- 3) Draw pictures or diagrams of your observations



Remember to check out the videos on the schools website. Looking forward to seeing and hearing about your findings!

Send your pictures, or video to school via the school email:

northcott4parents@hotmail.com

or upload onto Twitter and tag @Northcottschool

