



Home Learning Project

Week Commencing 18th May 2020

Despite being asked to stay at home, we are still able to enjoy the outdoors by spending time in our gardens and taking a walk each day for our daily exercise. So why not celebrate the great outdoors with this science home learning project all about habitats!

Below you will find a range of ideas that you might like to work on during this week and it would be great to see some of your learning and creations (please send any photos/learning to awebb@verwoodfirst.dorset.sch.uk).

Local Habitats

We will start off by thinking about the habitats that surround us. There are many different creatures and plants that live in our gardens and in nearby woodland. See what you can find with the activities below!

Scavenger hunt

On your daily walk or in your garden, go on a scavenger hunt to see what you can find. Use the scavenger hunt sheet (attached) to tick off each of the things that you see. You could even create a tally for each of the living things that you find.

Reflect on your scavenger hunt. What did you find most of? Was there anything you could not find? Did you find anything that wasn't on the sheet?

As an extra challenge, using your tally, create a bar chart or pictogram (template attached) to show how many different living things you found. You could draw it on paper or you could even create a giant pictogram/graph by cutting things out paper or using chalk outside.

Plant ID (KS2)

If you are lucky enough to see some plants on your daily walk or cycle, perhaps you could have a go at identifying them. Why not take a photo of the plants you see and use apps like PlantNet and Tree ID to see if you can find out what they are. You could also look on websites like The Woodland Trust to try to identify them!

<https://www.woodlandtrust.org.uk/trees-woods-and-wildlife/british-trees/a-z-of-british-trees/>

Observational drawings

Maybe, on your scavenger hunt, you found something that looked really interesting. Maybe it was a cobweb, an interesting leaf, a beautiful looking flower. So why not do an observational drawing? Ask an adult to take a photo using their smartphone or tablet and then get drawing.

Don't forget to show resilience and reflectiveness to try to get your drawing as detailed and accurate as possible!

Other Habitats

You have thought about woodland habitats near you, so now it's time to look at different types of habitats and the wildlife you may find there. Choose one of the habitats below and use the bite size links or information packs to help you research them. Then, it's time to get creative!

Ocean habitat: <https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/zsfkd2p>

Coastal habitat: <https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/zy38wmn>

Polar habitat: <https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/z3sr4wx>

Rainforest habitat: <https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/zxdsvcw>

Desert habitat: <https://www.bbc.co.uk/bitesize/topics/zx882hv/articles/zsqnfg8>

Create a Habitat

Your challenge is to create a habitat, complete with the animals and wildlife you would find there. You could draw and colour it, or use paint, collage, cutting and sticking, natural materials, felt or anything else you can get your hands on to create it. Take a look at some of the examples for inspiration.



Habitat Fact File

Finally, show off all of your amazing new learning by creating a fact file about the habitat you have created and the wildlife you find there. You could even talk about how the animals have adapted to be able to survive there. It's up to you how you create your fact file (you can also use the template attached). Could you staple together paper to make a booklet? Will you create a poster? Maybe you could create it on PowerPoint! Just remember, it needs to be factual.

Key Stage 1: Think carefully about the sections you might have. Which words can you use from the vocabulary list? You may want to label your creation with some key words and simple facts.

Key Stage 2: Think carefully about what sub-headings you will include in your fact file. What would you include in your introduction? Are you going to include images and captions? What science vocabulary can you use? Will you include a glossary?

Vocabulary

Here is a list of some of the key words you may want to include in your learning. But... they are all jumbled up. Can you spot the words that you need for the habitat you have chosen?

crab

plankton

Sahara

seaweed

polar bear

camel

whale

rock pools

insects

penguin

scorpion

microhabitat

jaguar

snow

dry

food chain

algae

limpets

sand

Air

dry

frozen

ice

water