

W.B. 04.05.20
Project – science

Our Year 2 project for the Summer Term is called 'Explorers of the World'! During this project, we will be exploring some amazing places from Africa to Antarctica. The focus will be on geography, science and art. Our English learning will also be linked to this project throughout the term to make it relevant and engaging.

Here are some great BBC videos for your child to enjoy about places around our amazing planet:

- Go Jettters clips – <https://www.bbc.co.uk/teach/class-clips-video/eyfs-ks1-geography-go-jettters/zj8ypg8>
- BBC Explore the world clips – <https://www.bbc.co.uk/bitesize/topics/zyhp34j>

This week, the focus of our project learning will be on science!

Activity 1

Animals of Africa

Which animals do you already know that live in Africa?

To begin, do some internet research on Swiggle to find out more about animals that live in Africa. You can also use the attached pdf. To support you with this.

There are desert, savannah, rainforest and ocean habitats in Africa. Different animals live in different habitats.

Find out more here: <https://www.bbc.co.uk/bitesize/topics/zx882hv>

Can you find out at least one African animal that lives in each of these?

Get creative and make some African habitats including the animals that live there. Maybe you could use some boxes and get crafty or you could use paint or pencils and paper. You could use toy animals that you have or use playdough? Use your imaginations!

There are some photos attached to inspire you...

If you'd prefer, you could make a book about African animals instead.

This website has loads of information about African animals:

<https://www.activewild.com/african-animals-list/>

Activity 2

Animal Adaptations

WALT identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.

All animals are amazingly well adapted to live in their particular habitat. They have features that help them to survive in that habitat. For example, giraffes have long necks so they can reach the high branches of the African savannah trees.

Find out more here: <https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/zxg7y4j>

Choose your favourite African animal and make a poster to describe the adaptations that help it survive in its habitat.

There are some photo examples of posters attached for you and here are some links that might support you:

- Video about animal adaptations = <https://www.bbc.co.uk/bitesize/clips/zyx76sg>

- Terrific Scientific Camel adaptations video = <https://www.youtube.com/watch?v=7KoRVGS8stk>
- Adaptation clip = <https://www.youtube.com/watch?v=oBx7eDBNRM8>
- Desert animals and their adaptations = <https://www.bbc.co.uk/bitesize/clips/zxcb4wx>
- Camel adaptations = <https://www.bbc.co.uk/bitesize/clips/z8fpyrd>

Activity 3

Food Chains

WALT describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

All African animals are part of a food chain or maybe many different food chains. For example, grass is eaten by an impala, and an impala is eaten by a lion. So the food chain looks like this:

Grass → impala → lion

The arrow represents 'is eaten by' and this is really important in a food chain.

Find out the meanings of these words important science words: predator, prey, herbivore, carnivore, omnivore, insectivore, food chain, producer, consumer...

Then have a go at the 'BBC Food Chain Challenge'

<https://www.bbc.co.uk/bitesize/topics/zbnnb9q/articles/z93vdxs>

It's a brilliant game to help you learn about food chains.

Please send us some photos of how you're getting on at home, we'd love to hear all about how you're getting on being 'Explorers of the World'!