



THE GREAT CURIOSITY PROJECT

Our World and Beyond





Curiosity about our world and beyond

This week, we will be thinking about our world and beyond, pondering over some of the big questions we may not have the answers to as well as exploring and investigating to gain a better understanding!

We have divided this topic into 5 themes, one for each day, and each theme has a page of questions to think about, a page of activities to select from as well as a page of weblinks to help you delve deeper! Based on what you are interested in, decide which task/s you would like to complete and by all means, if you want to adapt our ideas and devise your own tasks, please do so. We hope you enjoy this opportunity to ask and answer those questions you've often wondered about!

Curiosity about our world and beyond

This week, you will explore:

Monday

Where in the
World?

Tuesday

Water, Water
Everywhere

Wednesday

Our Natural World

Thursday

The Past, the
Present and the
Future



Friday

Our Solar System
and Beyond



DAY 3

Our Natural World



Today, we will be thinking about our natural world, exploring biomes, ecosystems and habitats, taking a journey around the landscapes of our world, finding out about plants and animals on our planet as well as exploring weather and natural phenomena. Being curious about our natural world will enable us to gain a deeper appreciation of it. This education will help us make the right choices when it comes to conservation and environmental issues.

Have you ever wondered?

Our Natural World

How do evergreen trees stay ever green?

What causes our weather to change?

What plants are carnivorous?

What causes natural disasters?

How do sea creatures breathe under water?

Which animals are now extinct and which are endangered?

What killed the dinosaurs?

Create a diorama (3d model) for one of the biomes of the world. What animals and plants would you find there?



Research an endangered or extinct animal. Why are they endangered or why did they become extinct? Create an information poster about your chosen endangered animal or create your poster to inform people about the need to protect our animal species.

Either with seeds from the fruits you've eaten or from seeds you have at home or have purchased, what can you grow? Create a manual to explain how to grow your plant successfully!



Create the habitat of a dinosaur in a jar or container or produce a pictorial timeline for the 3 periods of time dinosaurs roamed our planet.



Animals can be identified through their features. Can you produce a poster about identifiable features e.g. footprints, fur patterns



We all love a game of Top Trumps. Make your set animal or plants based!

Create a collage using natural materials you find on the floor on a daily walk or create a natural sculpture.



Create a leaf quiz or a flower quiz. Can your family guess the correct plant that the leaves or flowers have come from?

Make your own weather station and collect data on the weather. Can you include a rain gauge, anemometer or weather vane?



Did you know there are 10 different types of clouds? Research clouds and find out what each type means for our weather. Present your findings in a PowerPoint, poster or fact-file.



Research the natural disasters that can take place on our planet. Can you create a stop-motion animation, model or fact-file to explain one of them?



Recycling is a way in which to help protect our planet. Can you reuse or recycle items (with permission!) and create something new? Perhaps a piece of art, a new pen pot or a money box?



Visit a zoo virtually!

<https://www.chesterzoo.org/virtual-zoo-2/>
<https://zoo.sandiegozoo.org/live-cams>

Watch the one and only David Attenborough present 'Seven Worlds, One Planet'

<https://www.bbc.co.uk/iplayer/episodes/p07dzjwl/seven-worlds-one-planet>

Interested in UK wildlife?

<https://www.wildlifewatch.org.uk/explore-wildlife/>

Explore the biomes of the world

https://www.ducksters.com/science/ecosystems/world_biomes.php
<https://www.youtube.com/watch?v=6X9fTPSbQ0U>

Want to learn more about dinosaurs?

<https://www.sciencekids.co.nz/dinosaurs.html>
<https://www.bbcearth.com/watching-with-dinosaurs>

Interested in endangered animals and those which are extinct?

https://kids.kiddle.co/Endangered_species
<https://www.worldwildlife.org/species>

Want to know more about plants?

<https://www.dkfindout.com/uk/animals-and-nature/plants/>

Keen to protect our natural world and learn about caring for our planet?

<https://kids.nationalgeographic.com/explore/nature/save-the-earth-hub/>
<http://www.ecofriendlykids.co.uk/>

Want to ask Steve Backshall a question? He has a live Q&A session at 9.30am!

<https://www.youtube.com/channel/UCm-URP49TgSgyIU1rgh2m7A/>

Interested in the natural world? Visit the Natural History Museum – there are lots of fun activities to carry out!

<https://www.nhm.ac.uk/take-part/try-this-at-home.html>

Explore weather

<https://www.sciencekids.co.nz/weather.html>
<https://www.3dgeography.co.uk/weather-for-kids>

How many types of clouds are there?

https://www.ducksters.com/science/earth_science/clouds.php

Research natural disasters

https://kids.kiddle.co/Natural_disaster#Floods
https://www.weatherwizkids.com/?page_id=91#