



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 2

Water, Water Everywhere



It is important to know about water on our planet as a large percentage of our world is covered in it! It enables life on earth but can also be destructive which we will explore tomorrow. The water on our Earth today is the same water that's been here for nearly 5 billion years. It's definitely an interesting topic to explore!

Have you ever wondered?

Water, Water Everywhere

How much of our planet is made up of water?

What are the 5 oceans called?

What is the longest river in the world?

How many seas are there on our planet?

How deep can oceans be?

Do other planets have water on them?

Why is the sea salty?



Research our oceans and seas. What are their names, where are they and what interesting facts can you find out? You could produce a PowerPoint, annotated map, poster or fact-file.

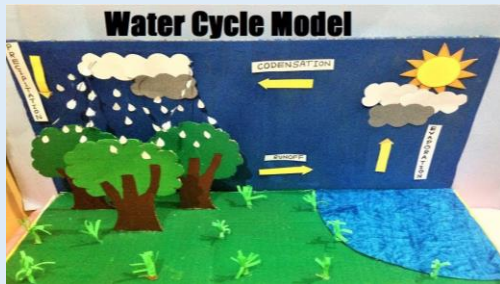
Find out about shipwrecks. You could begin with the Mary Rose and the Titanic. Create a news report about a diving expedition detailing what was found.

Find out about a river system and create a model from source to mouth. Can you add features?



Create a Top Ten of Rivers of the World. Produce a set of Top Trumps about them using the information you research.

Research the water cycle and create a model.



Create a window water cycle.

Research a river around the world. Where is it, how long is it and what interesting facts can you find out about it? You could produce a PowerPoint, annotated map, poster or fact-file.

Draw or paint a picture of an ocean/river scene. You could use water colours or try a different style of painting. Use oil and watercolours to create some very different artwork!

Make your own rainwater gauge and measure the rainfall every day for at least two weeks. Make a table of your results and graph them, using a line graph.

Can you carry out experiments with water? (WITH ADULT PERMISSION AND SUPERVISION ONLY!) Can you make water travel from one glass to another using just a paper towel?



Find out how charities such as Water Aid and UNICEF are helping children and their families access clean water.



Create a quiz about water and test your family.

<p>Can you find the correct ocean?</p> <p>https://world-geography-games.com/oceans/index.html</p>	<p>Find out more about oceans</p> <p>https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zmqwscw</p>	<p>Take a trip down the River Thames</p> <p>http://www.primaryhomeworkhelp.co.uk/riverthames/</p>	<p>Find out more about rivers</p> <p>https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/z7w8pg8</p>
<p>Explore the world's oceans</p> <p>https://earth.google.com/web/@1.88301833,-46.61902289,-1114.05573183a,46340242.7790928d,35y,0h,0t,0r/data=Ci4SLBIgNjZlNzQ1NjM3OGMwMTFIOGJmMTZhMTM2MjYyMmZhYjAiCG92ZXJ2aWV3</p>	<p>Explore the shipwreck of the Titanic</p> <p>https://www.youtube.com/watch?v=eUfWIXLm2GM</p>	<p>Name the rivers on the world map</p> <p>https://world-geography-games.com/world_rivers.html</p>	<p>Carry out fun water experiments</p> <p>https://www.sciencekids.co.nz/water.html</p>
<p>How much salt in water is needed to float an egg?</p> <p>https://www.sciencekids.co.nz/experiments/floatingeggs.html</p>	<p>Make an ocean in a bottle</p> <p>https://science4superheroes.wordpress.com/2015/05/03/ocean-in-a-bottle/</p>	<p>How deep are our oceans?</p> <p>https://kids.frontiersin.org/article/10.3389/frym.2019.00025</p>	<p>Find out about water on Mars</p> <p>https://www.esa.int/kids/en/learn/Our Universe/Planets and moons/Water on Mars</p>
<p>Take a virtual tour around the remains of the Mary Rose</p> <p>https://maryrose.org/</p>	<p>Find out about tides</p> <p>http://www.onegeology.org/extra/kids/earthprocesses/tides.html</p>	<p>Watch these 15 magic water experiments. Do not attempt them at home unless an adult gives permission and is supervising you!</p> <p>https://www.youtube.com/watch?v=3Fsf0pCFTs8</p>	<p>Find out how sewage is cleaned</p> <p>https://www.bbc.co.uk/teach/class-clips-video/primary-science-what-happens-to-our-sewage/zrmhy9q</p>