STEM from Home Pack 17

Nature!

Nature is made up of the world around us, from trees, plants and vegetables to animals, insects and even thunderstorms! Nature is the physical world and everything in it that is not made by people.

Did you know that there are plants that have been on earth for more than 400 million years and horses sleep standing up! These are just a couple of facts that make nature so amazing!

This week, children will code an animated sunrise, make a homemade bird feeder, learn to grow fruit and vegetables from scraps and complete a nature crossword!

This Week's Activity - Grow your own Fruit and Vegetables from Scraps!

Did you know that you can grow your own fruit and vegetables from leftovers that you have after making meals?

Growing our own fruit and vegetables can help to save money, reduce food waste and teach us valuable lessons about nature and sustainability.

Fruit and vegetable scraps can be regrown indoors year round and planted outside during the spring and summer.

Access the **template for this activity**.

This Week's Bonus Activity – Make a Homemade Bird Feeder!

Why have a bird feeder in your garden?

Providing natural food sources for birds can help parents to feed their chicks, whilst allowing you to experience nature in your own garden! Bird feeders supplement natural food sources, allowing more baby birds to survive and giving birds energy for migration.

Let's make our own bird feeder from recycled materials!

Access the **template for this activity**.

STEM@CGI
SCIENCE - TECHNOLOGY - ENGINEERING - MATHEMATICS

This Week's Technical Activity - Sunrise!

Introduction

In this project, children will to learn how to animate a simple scene using CSS. They will use the CSS @keyframes rule to animate various properties of images and divs. **Access this activity**.

What you will need

A computer capable of running **Trinket** to write HTML & CSS online.

What you will learn

In this activity, children will learn styling and animation with CSS. Introducing @keyframes rule for defining steps in an animation and reinforcing the use of properties to define the size, shape, position and colour of elements on a webpage.

This Week's Research Activity – Nature Crossword

Let's test your nature knowledge! From animals and plants to weather and seas, how well do you know nature?

Use the description to help you work out the nature-related word, the word should fit in the allocated space on the puzzle.

Why not time yourself and challenge your family to beat your time!

Access the **template for this activity**.

For more information or additional support with STEM activities when working remotely, contact **enquiry.uk@cgi.com**