



Summer Holiday Home Learning Grid: The Nature Explorers



Hello everyone! I have prepared a Learning Grid centred around the topic of 'Nature'. Hopefully the Summer will continue to be hot and sunny, and so you can enjoy being outside in the fresh air. Some of these tasks rely on being outside but I have also included some tasks that can be done inside – just in case 2020 decides to throw some more bad luck at us and it rains non-stop! We hope you have a lovely Summer holiday and can't wait to see you all next year!

Maths

What was the biggest dinosaur to ever live on the planet? What was the smallest? Find and compare the sizes of different dinosaurs – you could do this as a PowerPoint or could print out pictures and label them.

English

You are in a jungle and find something magical: A living dinosaur! Draw or print off your own dinosaur and label it.

Challenge: When you found the dinosaur, it let out a massive roar and chased you all through the jungle. You have managed to find a safe cave to hide it. You now need to write a letter that can be strapped to a parrot and sent to get you some help. You will need to be very persuasive in your letter though – not many people will believe that there is a real dinosaur about!

History

Make a fact file or PowerPoint about the dinosaurs that used to inhabit the world before humans.

Information can be found here:

<https://www.nhm.ac.uk/discover/dinosaurs.html>

Geography

Country flags are designed to represent the history or ideals of a country. Design a flag that represents you—you can model it on your heritage, favourite activities, sports, animals, or family.

Challenge: Food Investigation. Get the recipe of your favourite family food and find out what herbs and spices it contains. On a map, find the countries that produce those herbs and spices. Do some investigating to find out more about these countries. What kind of climates do these places have?

Art

Butterfly symmetry art. Introduce the idea of symmetry by splodging paint on one half of your paper and fold it in half so the paint spreads on both sides. Carefully, open it up to reveal a beautiful butterfly.

Challenge: Collect fallen leaves, petals and sticks and use them to make a picture or sculpture. You could use the objects as 'stamper' or paintbrushes - dipping them in paint and rolling, brushing or stamping them on paper to create interesting patterns and effects.



Design

Using twigs as brush handles, find a bunch of different materials from the environment to make the brush heads and attach them using elastic bands. You can then use them to paint and see which paintbrush is the best.

Challenge: Make an animal or forest out of Lego. Using Lego or building blocks try and make something based on what you'd see in nature or what it might have been like at the time of the dinosaurs. You could build a big model together or could have a competition to see what each person makes.

PSHE

Dinosaurs have been rediscovered and have been put in your local zoo! But dinosaurs are obviously much more dangerous than the other animals. Can you make a poster or a leaflet warning people about getting too close to the dinosaurs or feeding them etc.?

Science

Make a pitfall trap in your garden and see what minibeasts you have caught. For simple instructions on how to make the best trap please see: <https://www.nhm.ac.uk/discover/how-to-make-pitfall-trap-to-catch-insects.html>

Challenge: Birds that we see today are actually descended from the dinosaurs! But they eat slightly different things now. Make your own bird cakes using recycled materials <https://www.rspb.org.uk/fun-and-learning/for-kids/games-and-activities/activities/make-a-speedy-bird-cake/>

Health & Wellbeing

Humans are animals too. Just like insects who eat grass and tigers who eat meat, we too have to eat different things to stay strong and healthy. With an adult, can you help prepare a meal that has the following:

- At least 1 fruit or vegetable
- Something green
- Something made from potato

Please find attached some ideas that you may wish to try: <https://www.foodafactoflife.org.uk/>