



Walnut Tree Walk Home Learning



Year 1
Spring Term
‘Walking with Dinosaurs’

Topic Overview

The Year 1 topic this half term is Walking with Dinosaurs.

Children will learn that dinosaurs lived over 66 million years ago in the Mesozoic era and understand that this was before humans existed. They will learn the names, behaviours and diets of many dinosaurs. Finally they will learn about how they became extinct.

Home Learning Project 1

Make a dinosaur habitat box

You can research what the environment was like on planet earth, when dinosaurs lived.

Be creative and use a variety of recycled objects and materials to make different objects like volcanoes and trees.



Home Learning Project 2

Make your own volcano

You will need:

- A volcano made from paper mache or a mound of dirt from outside
- A small container
- Red food colouring
- Vinegar
- Baking soda
- Dish soap



What to do:

- Put the container in the top of the volcano
- Add 2 spoons on baking soda
- Add 2 spoons of dish soap
- Add 5 drops of food colouring
- Add vinegar

Here are some useful links:

<https://www.learning4kids.net/2012/04/11/how-to-make-a-homemade-volcano/>

<https://sciencebob.com/make-your-own-volcano/>

Home Learning Project 3

Create your own dinosaur.

Draw a picture of it and write a description.

What would it be called?

What would they look like?

What would they eat?

How would they behave?



Home Learning Project 4

Make your own fossil.

Fossils are extremely useful records of the past. They are imprints or remain left in rocks. These fossils allow palaeontologists to study what life might have been like millions of years ago.

What you'll need:

- Plasticine
- 2 paper cups
- Plastic insect/dinosaur
- Plaster of paris
- Water



Instructions:

1. Flatten a ball of plasticine until it is about 2 cm thick while making sure the top is smooth.
2. Put the plasticine inside a paper cup with the smooth side facing up. Carefully press the object you want to fossilize into the plasticine until it is partially buried.
3. Carefully remove the object from the plasticine. An impression of the object should be left behind.
4. Pour half a cup of plaster of paris into the other paper cup. Add a quarter cup of water to the plaster and stir until the mixture is smooth. Leave it for around two minutes.
5. When the mixture has thickened pour it on top of the plasticine in the other cup. Leave the mixture until the plaster has dried (leave it for 24hrs if you want to be sure).
6. When the plaster has fully dried, tear away the sides of the paper cup and take out the plasticine and plaster. Keep it in a warm dry place and enjoy your very own fossil

Home Learning Project 5

Write a fact file.

Use the following websites to research different dinosaurs:

<http://www.sciencekids.co.nz/dinosaurs.html>

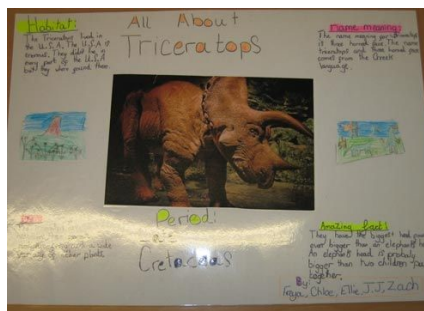
<https://www.kids-dinosaurs.com/dinosaur-facts.html>

<https://www.theschoolrun.com/homework-help/dinosaurs>

<https://jellyquest.com/dinosaur-facts/>

Find out:

- What did they look like?
- What does their name mean?
- Where they herbivores or carnivores?
- How big was it?



You could also use this website to draw the dinosaur you have researched:

<https://www.youtube.com/watch?v=hr-8XZkF9sU&t=183s>

<https://www.youtube.com/watch?v=nftijU3On2M>

<https://www.youtube.com/watch?v=NGTZ5zcrR-c&t=212s>

<https://www.youtube.com/watch?v=pM88zuRgoFg>

<https://www.youtube.com/watch?v=JaCmlwoLWQ0&t=217s>

Home Learning Project 6

Write a persuasive letter

Write a letter to your parents to persuade them to let you have a dinosaur as a pet.

What fun things could you do with it?

How would you look after it?

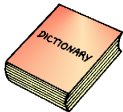




Places to Visit



- Natural History Museum
- Dinosaur park in Crystal Palace



Topic Vocabulary

dinosaurs

extinct

fossils

Volcano

Pangaea

Mesozoic

Herbivore

carnivore

Palaeontologist



Literacy Overview

This term we will be reading Harry and the Bucketful of Dinosaurs and basing much of our literacy work on this. We will then be writing information texts on different types of dinosaurs.

Our grammar work will focus using our phonic knowledge and known high frequency words to write sentences independently. We will look at capital letters and full stops to complete sentences correctly.

In phonics we will be learning a new sound each day and there will be a larger focus on reading high frequency words.



Maths Overview

Each week in the 'What we are doing in class' newsletter details of the objectives to be covered will be given.

This term we will be practising counting to fifty and representing these numbers in different ways using tens and ones. We will also add and subtract these numbers using number lines, ten frames and part-whole models. We will begin to count in 2s, 5s and 10s. As well as this, we will be measuring length, height, weight and capacity using non-standard units of measurement.



Useful websites



[Www.theschoolrun.com](http://www.theschoolrun.com)

[Www.kids-dinosaurs.com](http://www.kids-dinosaurs.com)

<http://www.sciencekids.co.nz/dinosaurs.html>

[https://www.bbc.co.uk/cbeebies/curations/
dinosaur-facts](https://www.bbc.co.uk/cbeebies/curations/dinosaur-facts)

Espresso Home Access – [https://
online.espresso.co.uk](https://online.espresso.co.uk) (Password in pack)

IXL - <https://uk.ixl.com>