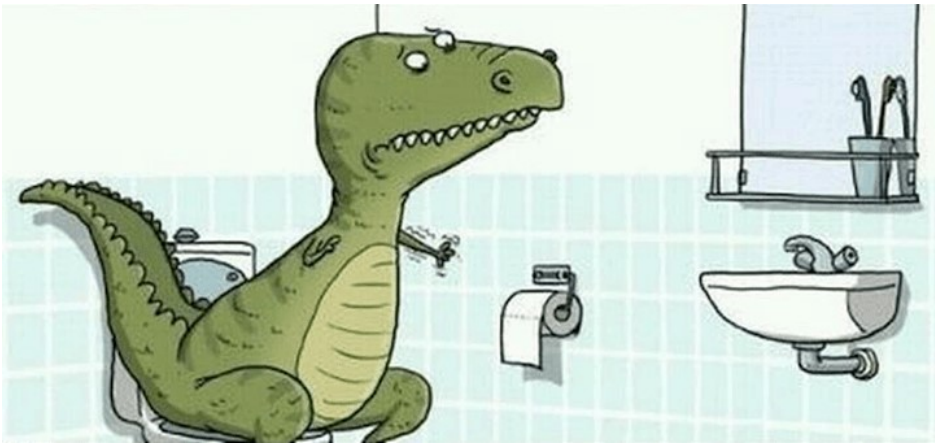
Dinosaur Poo Experiment
(Monday 8th February 2021)



This experiment is a great way to discuss and explore the diet of a dinosaur.

The children will investigate **up to six** dinosaur poos. They will try to find out which dinosaur the poo belongs to and what they would have eaten.

***Grown ups— please make the dinosaur poos in advance using these ingredients:

*Rolled oats or crushed up cereal.

*Mud

*A little bit of water to stick everything together

*Carnivore dinosaurs—you could hide small dog biscuit bones or jelly snake sweets in the 'poo' to represent the meat.

*Herbivore dinosaurs—Ripped up leaves and grass.

*Omnivore diet—Mini eggs or crushed up egg shells, seeds, shredded leaves.

Different Types of Dinosaur Poo

Add these things to your 'poos' and see if your friends can find the evidence of what different dinosaurs ate.

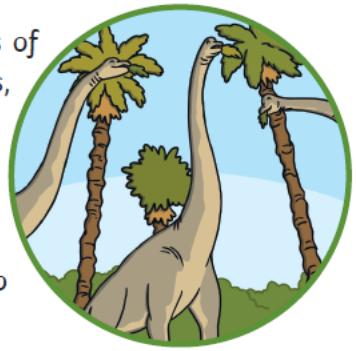
Herbivores
Dinosaurs that ate plants and seeds are called herbivores. The Triceratops ate seeds, leaf remains, pollen and bark. Apatosaurus ate grass.

Carnivores
Dinosaurs that ate meat are called carnivores. The Tyrannosaurus rex ate meat, using sharp teeth to cut it up.

Omnivores
Dinosaurs that ate plants and meat are called omnivores. The Oviraptor had a beak and no teeth for cracking eggs and picking up plants. They ate small plants, eggs and insects.

Piscivores
Dinosaurs that ate fish are called piscivores. The Plesiosaur ate fish, scales and bones.

The Science
Mary Anning, a famous fossil collector, made lots of amazing discoveries in her home town of Lyme Regis, Dorset. Alongside finding and studying fossils, she also discovered fossilised dinosaur poo (coprolite). Mary Anning could tell where the dinosaurs lived by studying the coprolites and finding out what dinosaurs hunted and ate. Dinosaurs were found to have eaten meat, plants and fish.



Brachiosaurus

Length: 26m
Height: 16m
Weight: 80,000kg
Diet: plants
Fascinating Fact:
This dinosaur is the largest and heaviest land animal ever discovered.



Make a large herbivore poo

Velociraptor

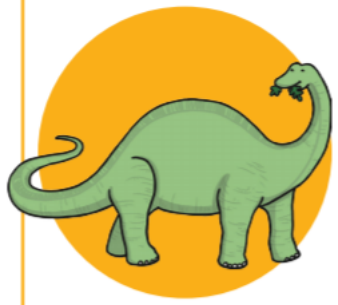
Length: 2m
Height: 0.5m
Weight: 15kg
Diet: leftover carcasses killed by larger dinosaurs
Fascinating Fact:
Velociraptor's bodies were about the same size as a Christmas turkey.



Make a small carnivore poo

Apatosaurus

Length: 21m
Height: 5m
Weight: 16,000kg
Diet: plants
Fascinating Fact:
Apatosaurus' had long whip-like tails that helped to balance their long necks.



Make a medium sized herbivore poo

Tyrannosaurus rex

Length: 12m
Height: 6m
Weight: 7000kg
Diet: other dinosaurs, such as Triceratops
Fascinating Fact:
This fearsome dinosaur could crush the bones of other dinosaurs.



Make a large carnivore poo

Oviraptor

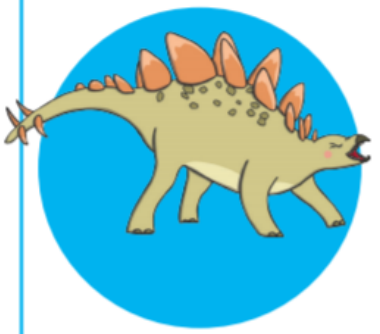
Length: 2m
Height: 1.5m
Weight: 20kg
Diet: meat, eggs, seeds, insects and plants
Fascinating Fact:
This dinosaur had feathers and a powerful jaw.



Make a large omnivore poo

Stegosaurus

Length: 9m
Height: 3m
Weight: 3000kg
Diet: plants
Fascinating Fact:
Although the Stegosaurus body was large, the size of their brain was only around the size of a dog's.



Make a small herbivore poo

Science: Dinosaur Poo Experiment

Dinosaur Poo Number	Did it come from a small dinosaur or a big dinosaur?	Carnivore, Herbivore or Omnivore?	How do you know?
1			
2			
3			
4			
5			
6			