

SALT DOUGH DINOSAUR FOSSILS

How could we recreate a dinosaur
fossil?



CURRICULUM LINKS

SCIENCE:

Animals Inc Humans (all years)
Rocks & Soils (year 3)
Evolution & Inheritance (year 6)

MATHS:

Problem solving
Measurement: length & height
Measurement: weight

ICT:

Use search technologies effectively

YOU WILL NEED

- 2 cups of flour
- 1 cup of salt
- 1 cup of water
- Plastic dinosaurs
- Cookie cutters
- Mixing bowl and rolling pin
- Trays

STEM VOCABULARY

- **Cast** - when a fossil creates the original shape of the organism, it is called a cast fossil.
- **Excavate** - removing earth carefully to find buried remains
- **Fossil** - the preserved remains or impression of a prehistoric plant or animal, embedded in rock
- **Mould** - when an organism leaves an impression on a rock it is called a mould fossil.
- **Paleontologist** - a scientist who studies fossils
- **Skeleton** - the framework of bones supporting a human or animal

HOW TO DO IT

- 1) Mix the flour, salt, water and vegetable oil together in a mixing bowl.
- 2) Knead the ingredients together with your hands until it forms a firm ball.
- 3) Roll the dough out until it is about 1/2cm thick and cut into circles using a cookie cutter
- 4) Press the dinosaur models into the dough to create an impression and then remove them.
- 5) Bake in the oven at about 120 degrees celsius for 2-3 hours. Then leave to cool.
- 6) Now you are ready to use your dinosaur fossils!
Have a go at one of our 'investigate' ideas.



WHAT ARE WE LEARNING?

This activity is a great introduction to fossils. Children can research different types of fossils, find out how they are formed and use their measuring skills to make their own. They can then use these fossils to set up their own dig.

INVESTIGATE



Find out a bit more about fossils including how they are made and the different types.



Use the fossils you have made to set up your own dig!