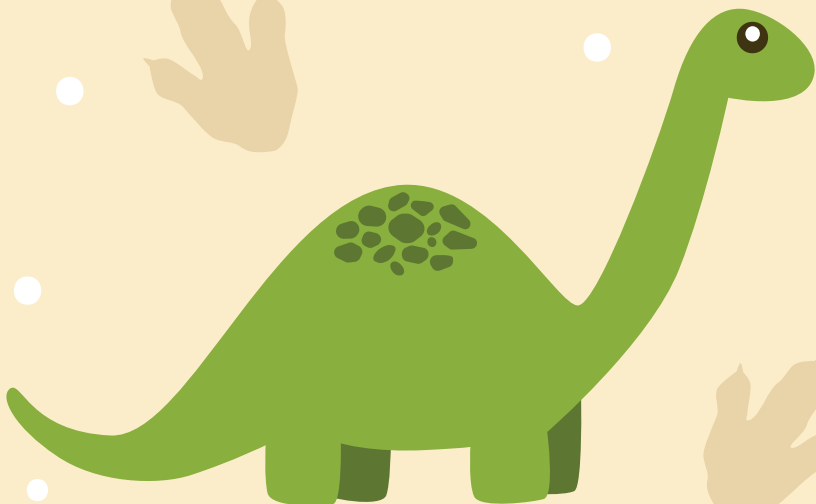
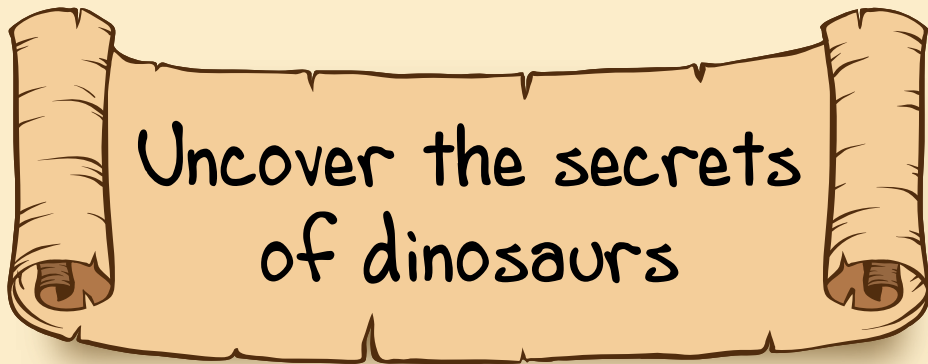




# DINOSAUR

DISCOVERERS



Brought To You By  
Science Centre Singapore

## Did you know?



Palaeontologists are people who study fossils.

Scan to find out more about a palaeontologist named Mary Anning.

# TYPES OF FOSSILS

Fossils are the remains or traces of living things that lived long ago. They can tell us more about animals that lived in the past! There are 2 main types of fossils: Trace fossils and Body Fossils.

## Trace Fossils

Trace fossils record what an animal was doing, such as walking. For example, studying a dinosaur's tracks or footprints can teach us about how it ran and how big each of its steps was. It even hints at how big the dinosaur was!



The tracks of footprints above show how Theropod dinosaurs walk!

## Body Fossils

Body fossils record what a plant or an animal looks like and more! For example, a dinosaur's teeth tell us about the type of food they eat and how they chew their food.



The dinosaur Allosaurus was a meat-eater. It had long and sharp teeth to tear its food apart.



The dinosaur Brachiosaurus was a plant-eater. It had spoon-shaped teeth to strip the leaves off a plant.

## MAKE A GUESS

Trace or body fossil? circle the right answer!



TRACE  
FOSSIL

BODY  
FOSSIL



TRACE  
FOSSIL

BODY  
FOSSIL



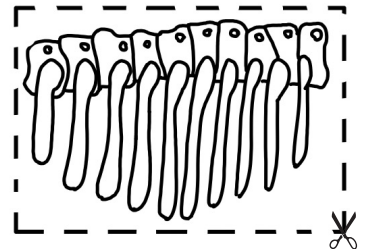
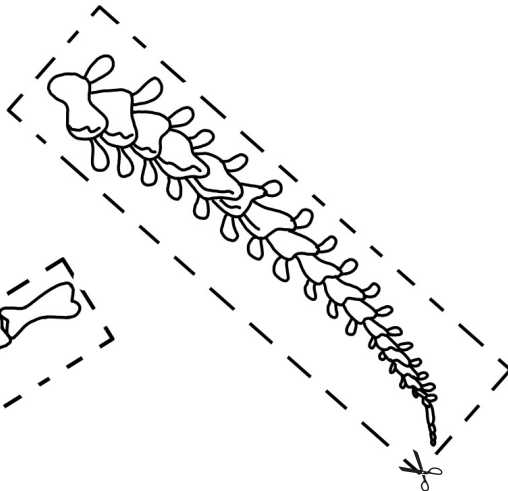
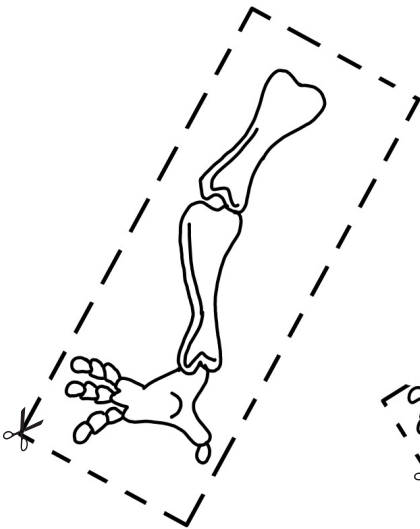
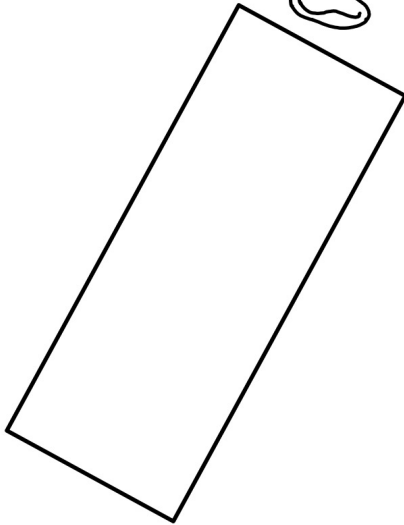
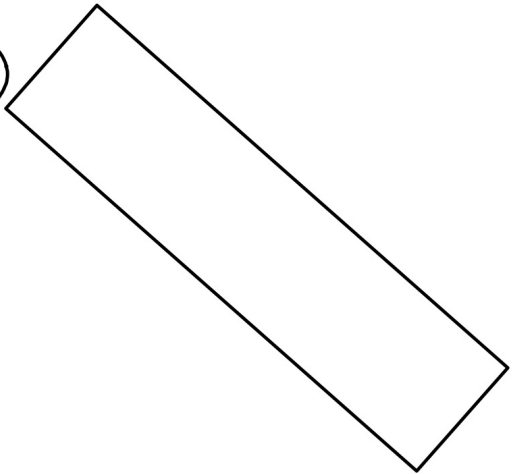
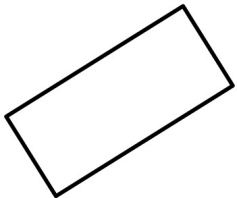
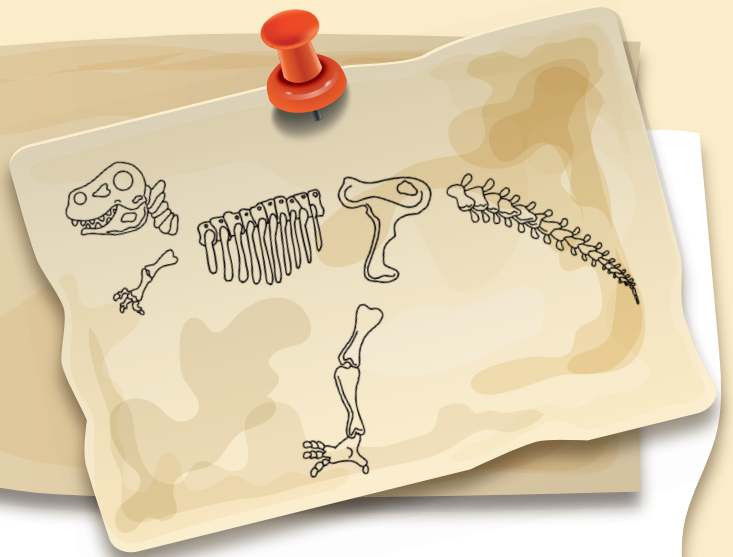
Want to find out more about dinosaurs and the works of a palaeontologist?

Visit the Dino Pit at the Science Centre KidSTOP™!



# COMPLETE THE BODY FOSSIL

Cut the skeleton parts below the line along its dotted lines. Paste them onto the picture to put the fossil back together. What dinosaur do you think this is?



# PARENT-CHILD BONDING ACTIVITY

## CREATE YOUR OWN FOSSIL

### Ingredients you'll need:

- 1 cup coffee grounds
- 1/2 cup room temperature coffee (coffee that has been left to cool for a few hours)
- 1 cup flour
- 1/2 cup salt

### Apparatus you'll need:

- Mixing Bowl
- Wax/Baking paper
- Cookie cutter/butter knife
- Dinosaur toy/other small toys
- Toothpick

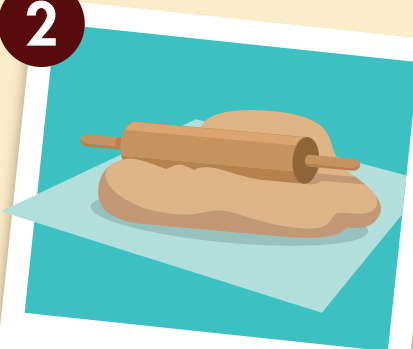
## STEPS

1



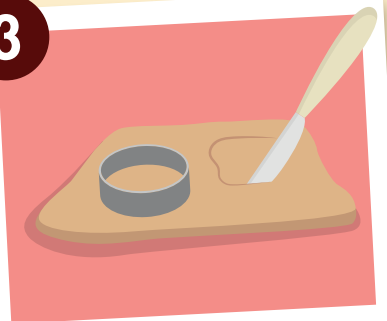
In the mixing bowl, mix the coffee grounds, cold coffee, flour and salt well until a dough is formed.

2



Place the dough on your wax/baking paper and flatten it.

3



Use your cookie cutter/butter knife to cut out circles or other fun shapes.

4



Press the toys firmly on the dough and remove them. You can also make a hole with a toothpick so that you can hang the fossil.

5



Let the dough harden by leaving it to dry overnight.



**Voila!**  
Your trace fossil is formed!

### BONUS

Try making your own handprint trace fossil!