

Starters for Science are 4 activities that parents can use at home to help children develop their science alongside the key learning and vocabulary children are using at school. The activities are easy to resource and provide children with the stimulus to learn and talk about their science topic. Encourage children to use the correct vocabulary as they talk about what they are doing and finding out. Don't forget to share your work on social media

#ScienceFromHome

Key Learning:

Green plants produce their own "food" using carbon dioxide from the air and sunlight. This process is called photosynthesis.

Plants are known as producers.

Animals are unable to make their own food, so they need to consume other animals and/or plants. They are called consumers.

Humans have different types of teeth which are:

Incisors to bite and chew pieces of food.

Canines for tearing and ripping food.

Molars to crush and grind food into smaller pieces.

The type of teeth that animals have varies depending on what they eat.

Digestion is the process by which food is broken down by our bodies so it can be used by cells to carry out body processes. Waste products are also excreted by the body.

Vocabulary:

incisor

canine

molar

stomach

small Intestine

large Intestine

rectum

stomach acid

saliva

predator

prey

producer

consumer

What do eat?

An animal's teeth can tell you what type of diet it has. Draw a picture of the type of teeth you think you might find in the mouths of herbivores, omnivores and carnivores. Explain why? Can you find examples of each of these animals.

Terrific Teeth!

Take a look in your mouth, you need to use a small mirror to do this. Can you find 3 different shapes of teeth? Draw a picture of where the different types of teeth are in your mouth. Why do you think they are shaped differently? What does each type do? <https://www.stem.org.uk/rxespz>

Digestion Detectives

Draw an outline of a human body and draw what you think happens to the food that you eat? Can you describe what you think happens? Take a look at the video and then see if you need to change or add bits to your drawing. You could even try to recreate your own model of the digestive system.

<https://www.stem.org.uk/rx64ns>

Who eats who?

Draw a diagram showing what each animal eats: a fox, grass and a rabbit. Label which animal is the predator and which is the prey? Can you draw a different food chain that may be found in a wood, a garden or in the sea?