

Y3 Science – Animals including humans – Lesson 2

Learning Expectation	Tasks	Resources
<p>To know that animals, including humans, need the right amounts and types of food.</p> <p>To be able to report on findings from enquiries.</p>	<p><u>Research - Why do animals need to eat different foods?</u></p> <p>It needs to be established with children that the type and amount of nutrition that you require depends on the types of animal you are and the amount of exercise that you have to do. Children need to understand that food is required to: keep animals healthy (e.g. vitamins), help them to grow (e.g. proteins), and provide their body with the energy required to function properly (e.g. sugars and carbohydrates).</p> <p>The following videos will help to explain this: https://www.bbc.co.uk/bitesize/clips/zcvtsbk https://www.bbc.co.uk/bitesize/clips/zgspyrd#:~:text=Food%20is%20the%20main%20energy,soft%20food%20to%20solid%20food (shows feeding of a human baby and a young gorilla)</p> <p>The following videos demonstrate a healthy diet for other animals: Why animals need a healthy diet: https://www.bbc.co.uk/bitesize/clips/z3txpv4 What urban birds eat: https://www.bbc.co.uk/bitesize/clips/z4ptsbk#:~:text=A%20look%20at%20the%20different,all%20contribute%20to%20their%20diet</p> <p>Think about how animals eat, for example: a head of a fox might show sharp canines for tearing meat, whereas the proboscis of a butterfly shows that the butterfly need to insert this into a flower to extract nectar.</p> <p><u>Task: Research other animals - Which food do animals need in order to survive?</u></p> <p>Find out using books and the internet the types of food and quantity of foods that different animals eat. Try not to focus only on the larger animals that are found outside of Britain. Often it is more challenging and more relevant for children to find out the types of food eaten by animals that they</p>	<ul style="list-style-type: none"> Paper to record ideas.

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might find around the school/home grounds such as centipedes (carnivores) and millipedes (herbivores).

Recording – draw a pie chart

After researching the types of food an animal eats, they should now show the quantity of each food that make up the animals' diet. Using a circular shape, divide it into sections to show (roughly) how much of an animal's diet is made up from each food type. (For example a quarter of grass)

Healthy diets for humans - research

Challenge your child to develop a week's food plan for humans with different requirements: a child, an active man, a man who works in an office, a sportsman, etc