



Science

Year 2

Our Changing World

Shakespeare Primary School and Nursery



Food Chains



All food chains include a **producer**. This is something that has the ability to make its own food, usually a plant. Animals are called **consumers** because they eat plants and other animals. They do not make their own food.

Habitats and Micro Habitats

A habitat is a natural environment or home to a variety of plants and animals. The conditions may vary across a habitat. For example, a woodland is a habitat. Under the trees it may be cool and dark, whereas at the top of the trees it may be warmer and lighter. The smaller the habitat the more restricted the conditions in it, such as under stones or in the reeds surrounding a pond. Most living things live in a habitat to which they are suited and depend on each other for survival. Animals depend on plants to give them shelter and food. Some animals depend on other animals for food.

A Scientist just like me!



Dr Allen Dr Tanesha Allen is a zoologist from America. She works at Oxford University in England. Her love of animals - particularly badgers- started from childhood as she watched wildlife roaming around her garden. She became famous helping people to spot badgers in their natural habitat. during lockdown.

Where might I find a micro habitat?



Under rocks, inside rotting logs, beneath fallen leaves and many other places!

Careers: Botanist, farmer, ecologist, zoologist

If you want to be a zoologist, you need:

- * to **love animals** because you will spend a lot of time with them
- * to **enjoy getting messy** because you might have to go outside in the rain and mud to set up experiments. You might also have to get samples from animals (like urine and blood)
- * to **be creative** so you can come up with new questions



Project Questions

- How do we know if something is dead, alive or never been alive?
- What is a food chain and where does it start?
- What might you find in a habitat?
- How do habitats change over time?
- In the animal world, who eats who?

Speak like a Scientist

producer, consumer, habitat, food chain, decomposer, carnivore, herbivore, omnivore, organism

Dead, Alive or Never Alive?

Energy- all living things need energy. Plants get energy from the sun. Animals get energy from their food.