

Year 1 - Autumn 1 - Science Knowledge Organiser: Into the



What I already know...

In EYFS we began our learning about different animals and their habitats. We looked at animals that live in the woods and began to understand how animals survive in the woods. Now that we are in Year One we will learn about these animals and habitats with a scientific eye and greater depth.

What I will learn...

- **Invertebrates** is a collective name for animals without vertebrae and **insects** are a subset of that group;
- **Habitat** is the place that plants and animals live. For instance Woodlice like dark and damp habitats, like under rocks and leaves and bark.
- Animals that mostly eat other animals (meat) are **carnivores**. Animals that only eat plants are **herbivores**. **Omnivores** eat both plants and other animals.
- A food chain: shows the story of how plants and animals get their energy. Food chains start with a plant (**producer**), which produces its own food using energy from the sun. A living thing that eats other plants and animals is called a **consumer**.

Key Vocabulary

Invertebrate	Is a collective name for animals without vertebrae.
Vertebrae	The small circular bones that form the spine of a human being or animal.
Habitat	Is the place that plants and animals live.
Carnivore	An animal that feeds on other animals.
Herbivore	An animal that feeds on plants..
Omnivore	An animal or person that eats a variety of food of both plant and animal origin.
Food chain	Shows how each living thing gets its food.
Consumer	A living thing that eats other plants and animals .

Making a difference at The

As we begin our adventures in Year 1, children are invited to go into our own little bit of wild in our school grounds to hunt for animals! We will work collaboratively to explore our school grounds, including Bells Wood, the pond, the vegetable garden as well as our vast school field in search of creepy crawlies, mini- beasts and bugs as we start to classify and identify them. Throughout our safari, as we make our discoveries, we will strive to be respectful to living things and their habitats, including those on land and as well as underwater, whilst enjoying being with nature and the feeling of well-being this gives us. We will begin to realise the interconnectedness of plants and animals as we begin to understand food chains which tell the story of who is eating who. Using all they have learnt from their adventures, children will work together to design and create their own bug hotels to provide a shelter to help Merton mini-beasts thrive in our own bit of wild.

Making a difference at home

Why not take a walk around your garden or any wild spaces around the local area and think about whether they are nice welcoming habitats for nature? Could you make a difference by perhaps collecting some rubbish, building a bug shelter or even a hedgehog home!

