

Science - Year 2

Autumn 1

Living Things & Their Habitats

- Living means to be alive and have all the life processes.
- Dead means that something is no longer alive.
- All living things live in a habitat.
- A habitat is a plant, person or animal's natural home – where it lives.
- Habitats provide the basic needs for its inhabitants such as food, water, shelter.

Autumn 2

Uses of Everyday Materials

- A material is what something is made of.
- Certain materials are chosen to make objects because of what they can do. For example, windows are made of glass because it can be seen through (transparent).
- Some materials can change shape by squashing, bending, twisting and stretching.
- Some materials are used for more than one thing (metal can be used for coins, cans, cars and table legs; wood can be used for matches, floors, and fences)
- Different materials are used for the same thing (spoons can be made from plastic, wood, metal, but not normally from glass).

Spring 1

Living Things & Their Habitats Food Chains

- Animals obtain their food from other plants and animals. This is called a food chain.
- In a food chain there is a producer, consumer and predator.
- The producer produces the food (like a plant).
- The consumer eats the food.
- The predator eats the consumer.

Spring 2

Plants

- A seed is what a new plant grows from.
- A bulb is the part of some plants mostly under the ground that stores food while the plant is resting from growing.
- A plants needs air, light water nutrients and warmth.
- Without air, light water nutrients and warmth the plant will die.
- The water carries the nutrients and minerals from the ground, into and around the plant.

Summer 1

Animals including Humans

- Humans: A human is an animal - a mammal.
- Animals and humans need water, food and air to survive.
- Offspring is the young of an animal.
- Life-cycle: A series of changes from a baby to an adult.
- Animals and humans have babies/offspring which grow into adults.
- Some animals lay eggs. Some are born.

Summer 2

Animals including Humans

- Exercise, diet and hygiene are very important for humans to survive and grow properly.
- To be healthy we need to:
- Eat a balanced diet to get the right amount of nutrients for our bodies.
 - Exercise to keep our hearts healthy and maintain a healthy weight.
 - Keep our bodies clean to prevent illness and so we don't smell.