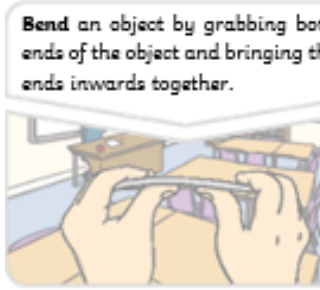
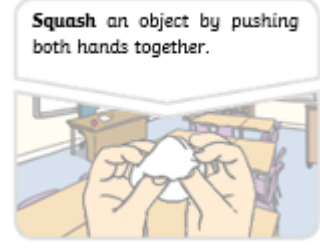
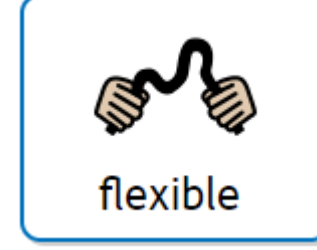
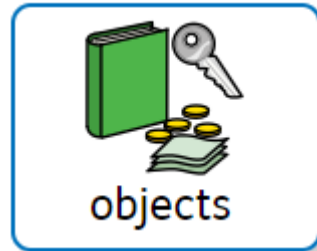


Year 2 SEN Knowledge Organisers

Science

Key vocabulary



Key Knowledge

Properties of Materials



wood:
hard, stiff, strong, opaque, can be carved into any shape.



glass:
waterproof, transparent, hard, smooth.



plastic:
waterproof, strong, can be made to be flexible or stiff, smooth or rough.



metal:
strong, hard, easy to wash.



paper:
lightweight, flexible.



cardboard:
strong, light, stiff.



fabric:
soft, flexible, hard-wearing, can be stretchy, warm, absorbent.



rubber:
hard-wearing, elastic, flexible, strong.

Stretch an object by pulling your hands slowly and gently apart.



Year 2

Living things and their habitats

Key vocabulary



Key Knowledge



Food chains. The arrows mean 'is eaten by'.



Year 2

Living things and their habitats

Key vocabulary

Habitat



A **habitat** is the natural place something lives.

Microhabitat



A **microhabitat** is a very small **habitat** in places like under a rock, under leaves or on a branch. Minibeasts live in **microhabitats**.

Depend

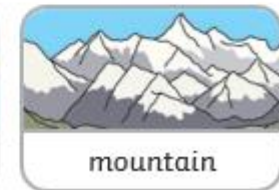
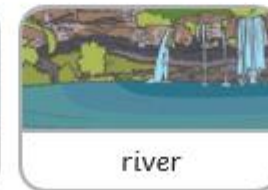
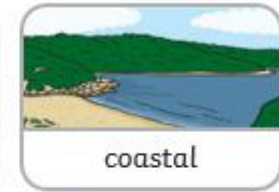
Many **living** things in a **habitat depend** on each other. This means they need each other for different things.

Survive

This means to stay alive.

Key Knowledge

Examples of **habitats**:



Examples of Microhabitat



Year 2

Living things and their habitats

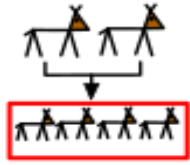
Key vocabulary



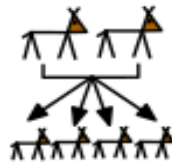
adult



develop



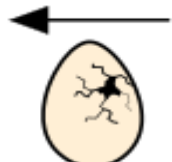
offspring



reproduce



young



live young

All living things **reproduce** and have **offspring**.

Some animals give birth to **live young**. Their offspring normally look like them when they are born.

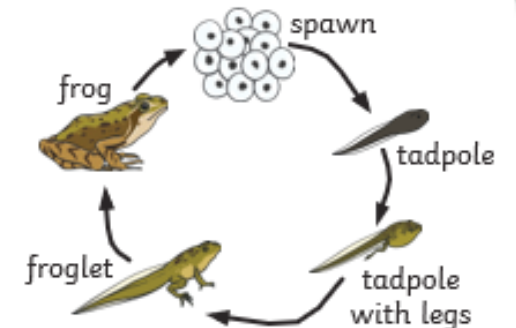
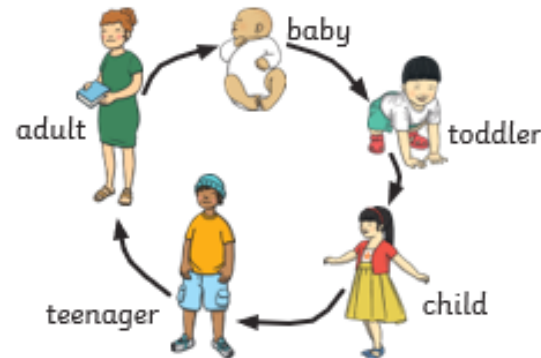


Other animals have offspring which do not look like them, e.g. fish and amphibians.



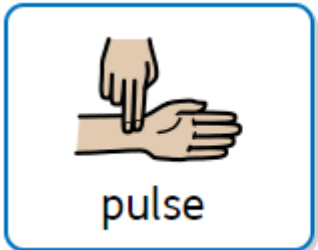
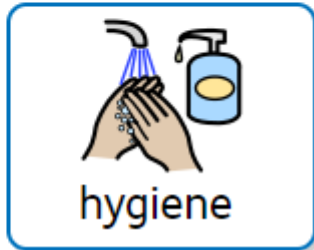
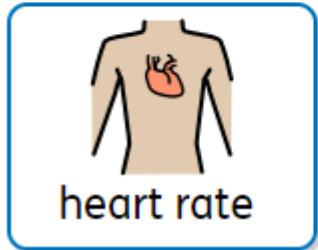
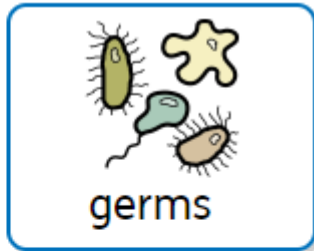
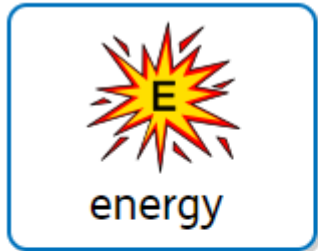
Some animals lay eggs which hatch into live young. This **young** then develops into an **adult**.

When these eggs hatch, some animals look like their adult, e.g. birds and reptiles.



Year 2

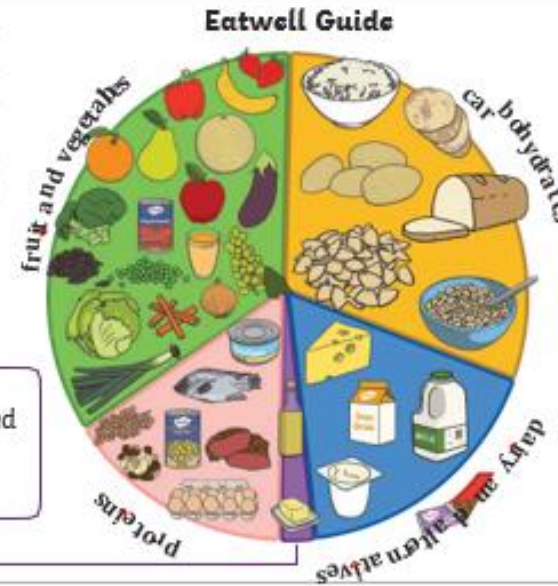
Living things and their habitats



To stay alive, all animals have 3 basic needs:



To grow into a healthy adult, we must eat the right types of food in the right amount and **exercise**.



Water, lower fat milk, sugar-free drinks including tea and coffee all count.

6-8 a day

oils and spreads
Choose unsaturated oils and use in small amounts.

Eat less often and in small amounts.

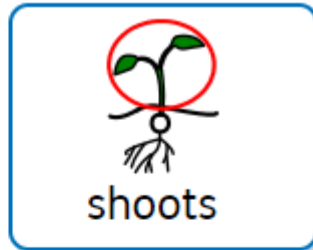
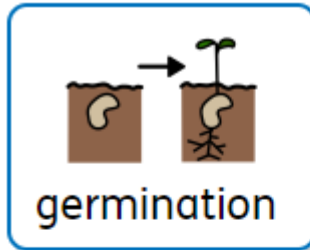
To stop illness and infections spreading, we must be hygienic and keep ourselves clean.



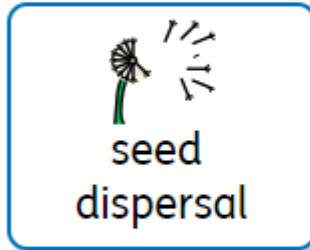
Year 2 plants

Key vocabulary

The process of the plant growth. All plants need food to grow.



The small beginnings of the plant.



All plants need sunlight to grow.

All plants need water to grow.



All plants need food to grow.

