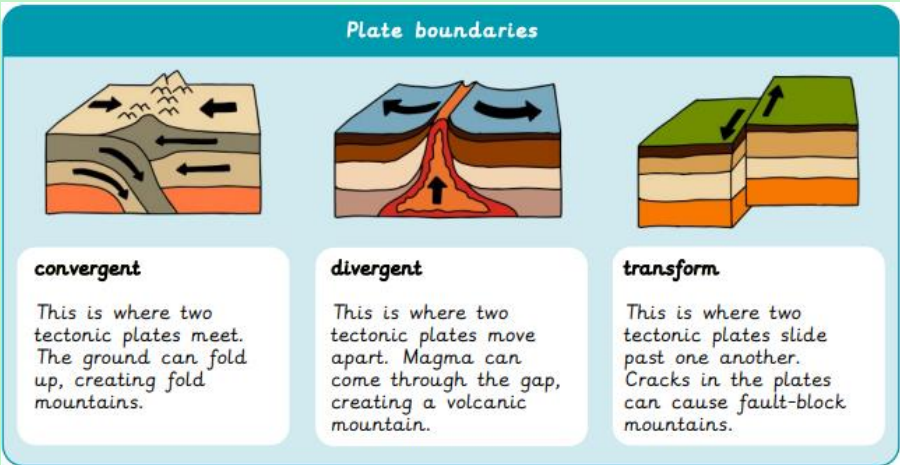
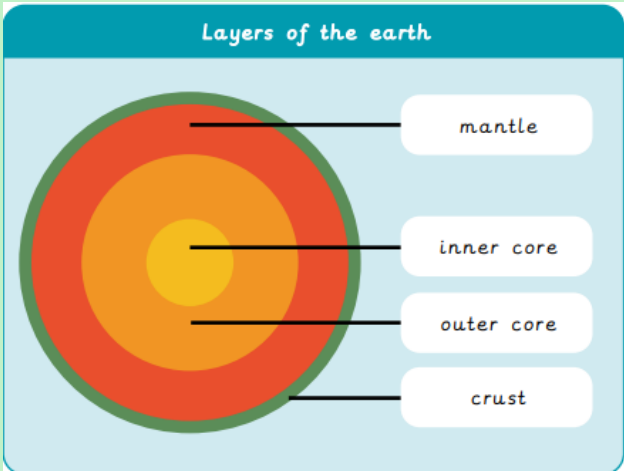


Geography

Why do people live near volcanoes?

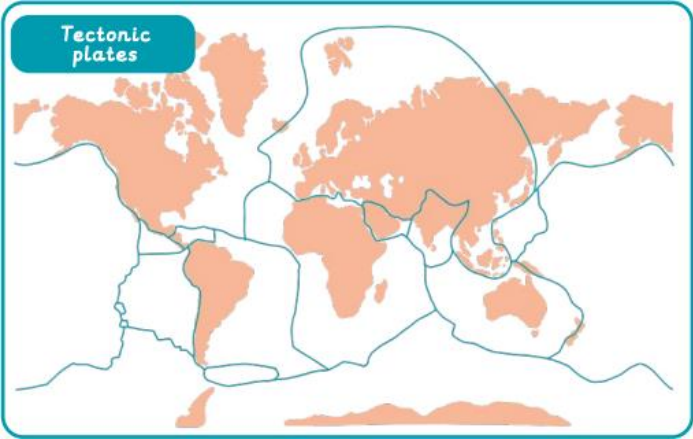


Negative and positive effects of living near a volcano

Negative	Positive
<ul style="list-style-type: none">• People may be injured or killed.• Forests and farmland may be destroyed.• Homes may be destroyed.• Carbon dioxide emissions contribute to climate change.• Ash clouds can pollute rivers, killing fish.• Tsunamis and earthquakes may happen.	<ul style="list-style-type: none">• Rich, fertile soil is created.• New land is created over time from hardened lava.• Volcanoes can be beautiful landscapes.• Hot springs and skin-brightening mud attract tourists.• Tourism to volcanoes creates jobs.• Geothermal energy from the steam is environmentally friendly.• Mining for precious stones and minerals around a volcano creates jobs and provides materials for making jewellery, electronics and other valuable products.

Volcano classification

active	extinct	dormant
A volcano currently erupting or is likely to erupt soon.	A volcano that has not erupted in 10,000 years and is not expected to erupt again.	A volcano that may erupt again but has not erupted for a while.



RE

What is it like for someone to follow God?

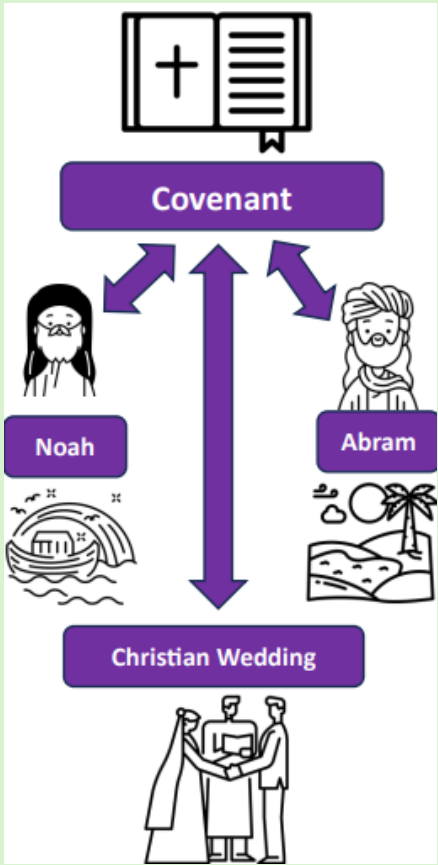
Noah was told by God to build an Ark as the people did not listen to God. When the flood arrived, Noah took his family and the animals into the Ark. At the end of the flood God placed a rainbow in the sky and made a **covenant** with Noah that He would not send a flood again.



God made a **covenant** with Abram who is also called Abraham. God asked Abram to leave where he was living and to move to the land that God would give to him and his family. Abram did exactly as God had said even though it was not an easy thing for him to do.



In a wedding ceremony, Christians make a promise to care and look after each other. They make these promises in front of God and this is called a **covenant**. This is similar to the covenants made between God and Noah and Abram.



Prophet - messenger sent from God

Promise - when you say you will do something

Covenant - a promise made between God and people

Christians - religious people who believe Jesus is the son of God who came to save them.

Bible - the Christian holy book and sacred text. The first part is called the **Old Testament** - this includes texts written before the birth of Jesus and the second part is called the **New Testament** - this includes texts all about Jesus.

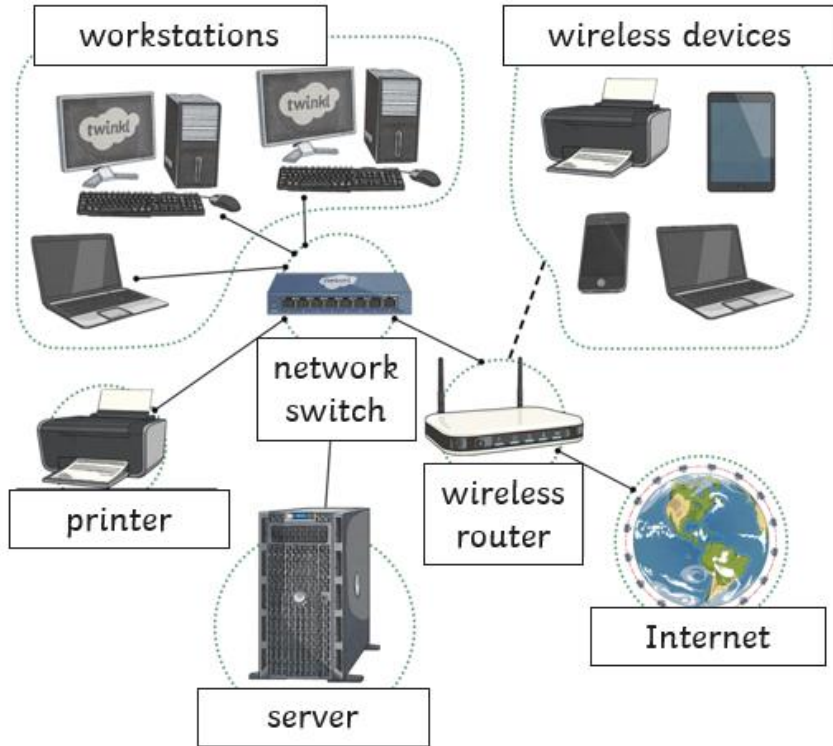


Computing

Connecting Computers

What is a network?
A computer network is a group of connected devices, such as computers, printers, smartphones, routers and hard drives. They link together to 'communicate' with each other and share information electronically.

Components of a Computer Network



Why are networks useful?

- Allows us to send and receive information between computers that are in different places.
- Communicate quickly and easily.
- Join computers to shared devices like printers.
- If information is shared on networks, it helps to reduce the risk of data being lost. E.g. if one computer breaks.

DT

Digital World – Wearable Technology

product concept

An image with annotations, explaining ideas for the shape of a product (form) and how it works (function).

computer-aided design (CAD)

Software that enables the user to create digital images.

wearable technology

Technology you can wear to help with day-to-day activities. It has developed over time.

analyse	Look at something in detail.
annotate	Labels on a drawing which help to explain it.
concept	An idea; in this unit, a drawing with labels.
control	To command something to change, such as lighting up or flashing.
evaluate	To decide if the design is the best it can be.
function	What something does.
initiate	To start a program.
program	A script of code that instructs a device to do something.
simulator	A computer-generated imitation of something.
user	A person who uses something.

Music

Instrumental lessons: South Africa

Vocabulary

Time signature	Shows the number of beats in the bar.
Bar line	Divides the music into units of time.
Metallophone	Percussion instruments consisting of a series of metal bars that make tones when struck.
Rest	A silence.
Ostinato	A repeating pattern of notes.
Harmony	Two or more notes that sound good when played at the same time.
Dynamics	The volume of the music.

<p>Minim</p> <p>A note lasting two beats.</p>	<p>Semibreve</p> <p>A note lasting four beats.</p>
<p>Crotchet</p> <p>A note lasting one beat.</p>	<p>Treble clef</p>

Tuned percussion instruments

Tuned percussion are instruments that play pitched notes when you hit them.

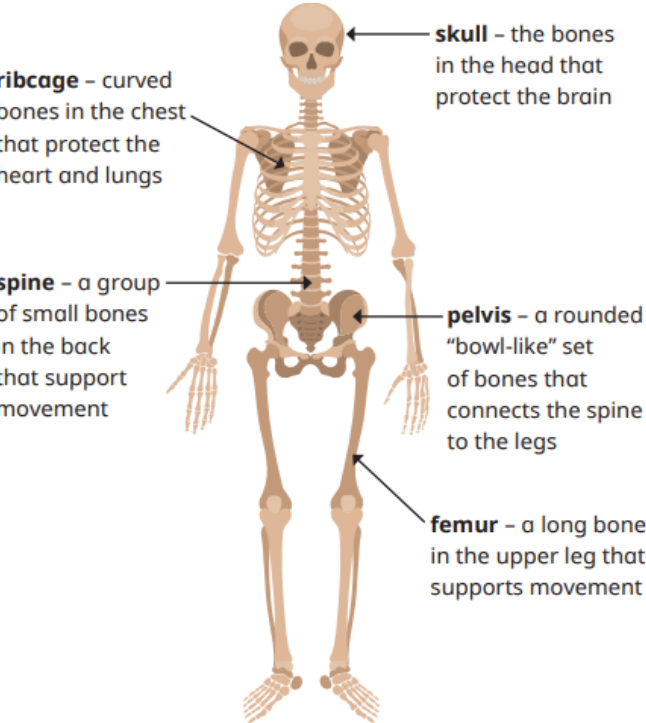


Science

Skeletons, Movement and Nutrition and Diet

Skeleton - a collection of bones that provides protection and supports movement.

Human skeletons are made up of many different bones. The Human skeleton generally has 206 bones.



Animal Classification Skeletons

- **mammal** - an animal with a spine, fur or hair on its body, and that feeds its young on milk
- **bird** - an animal with a spine, feathers, wings and a beak
- **fish** - an animal with fins, gills and scales that lives in water
- **amphibian** - an animal with a spine that can live on land and in water
- **reptile** - an animal with a spine and dry scales on its body

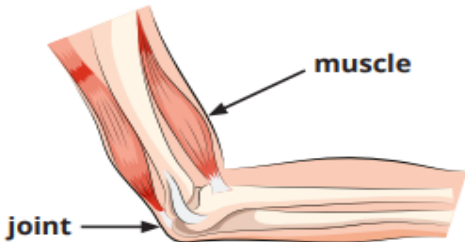
Exoskeleton

A type of skeleton on the outside of an animal's body that provides support and protection.

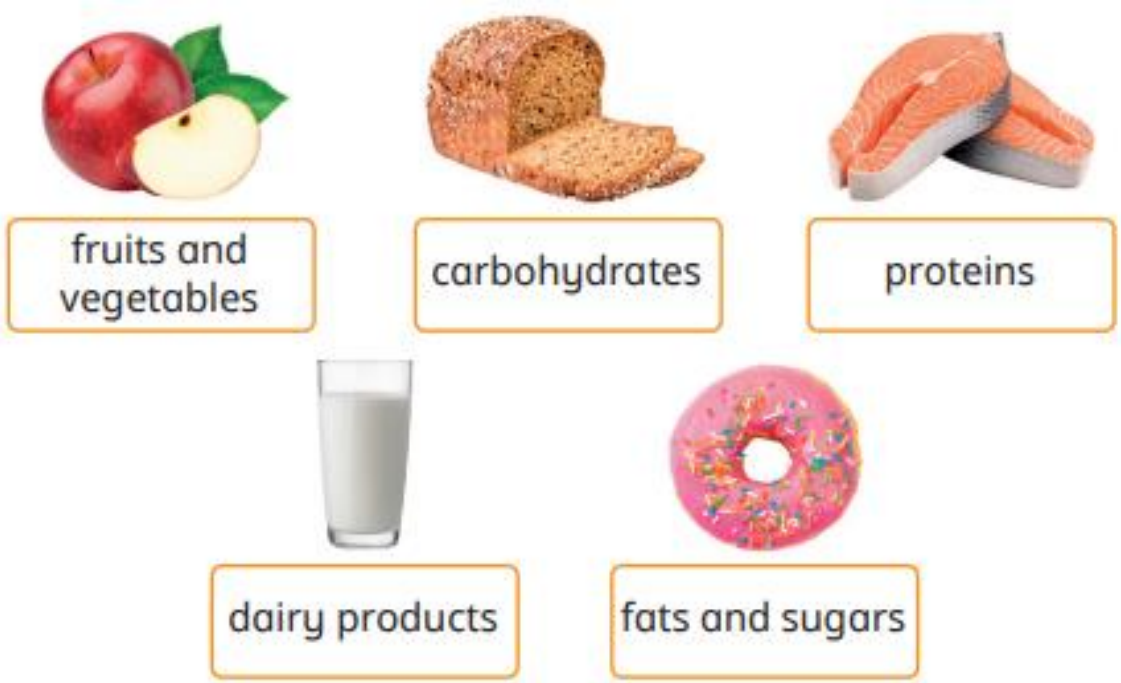
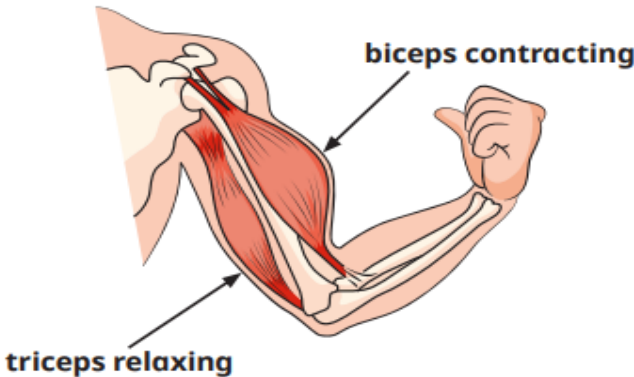


Movement - Joints and Muscles.

- **joint** - a point where two or more bones connect
- **muscle** - works with joints and bones to allow movement



- **bicep and tricep** - two muscles in the upper arm
- **contract** - a tightening and shortening motion
- **relax** - a relaxing and lengthening motion



Diet	The food that an animal needs to survive	
Herbivore	An animal that eats plants	
Carnivore	An animal that eats other animals	
Omnivore	An animal that eats other animals and plants	