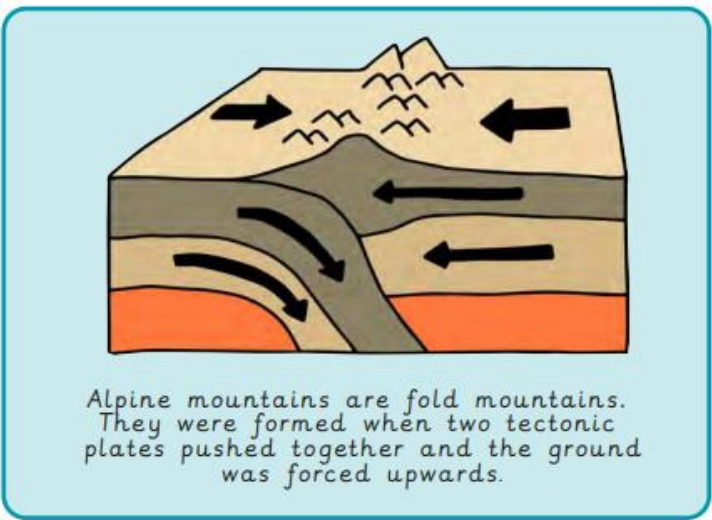
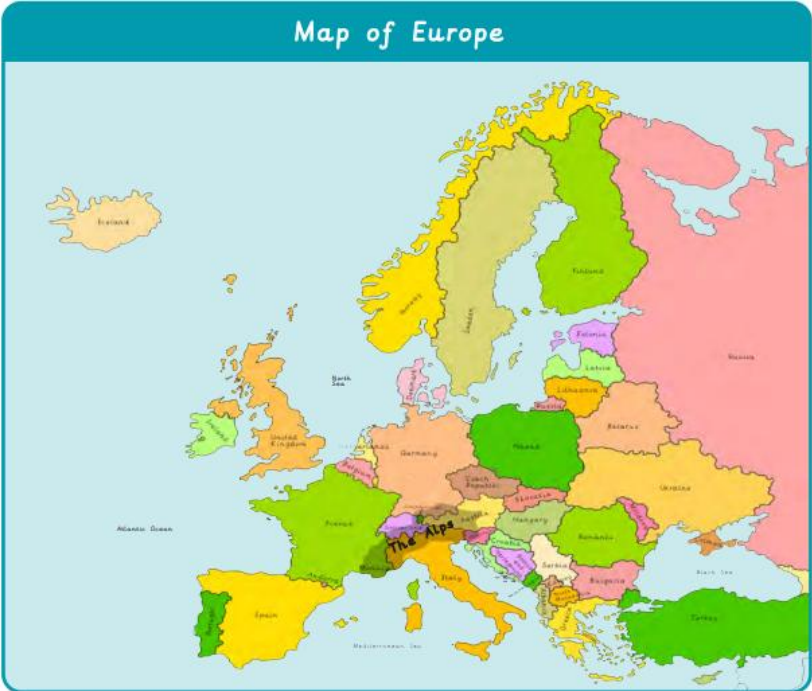


Geography

What is life like in the Alps?



Climate

Most of the Alps have a mountain climate. It is much colder than the surrounding climate due to the height of the mountains. Lower regions of the Alps have a temperate climate.

RE

Christians and how to live: what would Jesus do?

The Parable of the Two Builders
The Parable of the Two Builders describes how a wise person who hears Jesus's words and acts on them builds a strong foundation for their life, like a house built on rock, which withstands life's storms. As opposed to, a foolish person who hears Jesus's words but doesn't obey them builds their life on unstable ground, like a house built on sand, which collapses when difficulties arise.



WWJD?
Acting in a Christlike Way

The Sermon on the Mount



Matthew

Mark



Luke

John

Gospel - this literally means 'Good news' but also the title of the four books of the bible that tell the story of the life of Jesus.

Parable - a story Jesus told that has a special meaning.




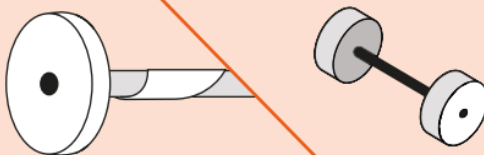

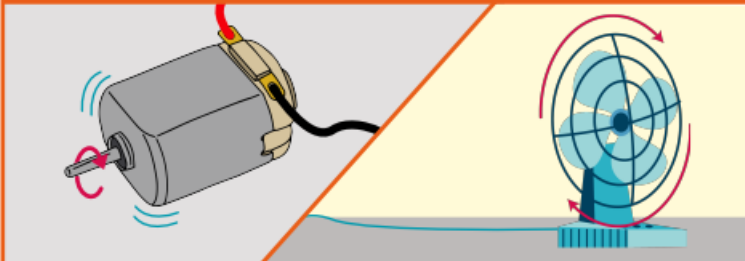
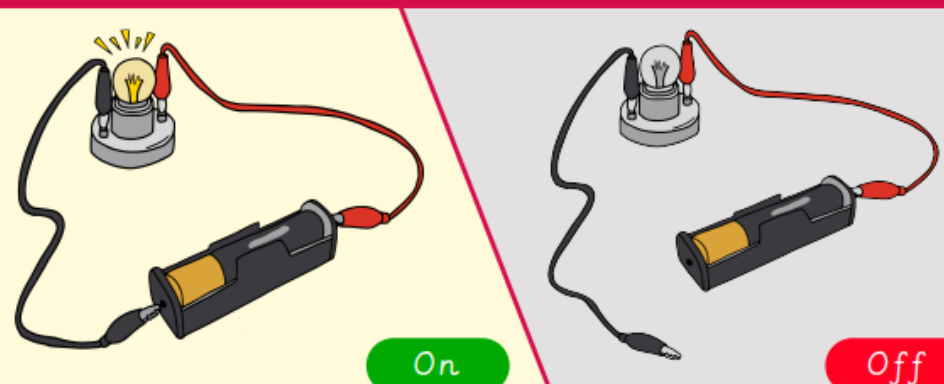
Sermon - a talk where the person speaking tells others about God and how they should live their lives.

Commandment - a rule which has to be observed

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




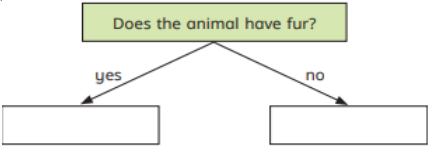



Christlike - becoming more like Jesus in how people act

Tregonning – Year 5/6 - Autumn1 Year A - Sticky Knowledge Organiser

Computing	DT	Music																												
Systems and Searching	Electrical Systems - Doodlers	Film Music																												
<p>What is a system? Systems are a set of things working together as parts of a whole. Computer systems are made up of inputs (something that sends a message to the device), processes (the way the device acts on the message) and outputs (something that is sent out by the device)</p> <div><div><p>Washing Machine:</p><p>Input: Dials and buttons.</p><p>Process: The computer inside follows a program.</p><p>Output: The clothes are washed and the display shows the remaining time.</p></div><div><p>Smart Locker:</p><p>Input: The customer scans in a barcode.</p><p>Process: The code is recognised by the system.</p><p>Output: The correct locker is opened.</p></div></div> <p>What is a search engine? A search engine is a service you use on the internet to help you find information via the World Wide Web. They allow us to input words or phrases into the search bar. The search engine then provides a list of websites or web pages that link to the words or phrases that were inputted.</p>  <table><tr><td>Inputs</td><td>A message sent to a device</td></tr><tr><td>Process</td><td>The way the device acts on the message</td></tr><tr><td>Outputs</td><td>Something that is sent out by the device</td></tr><tr><td>Search Engine Results Page (SERP)</td><td>This is a list of web pages, images and videos generated by search engines in response to inputted search terms</td></tr></table>	Inputs	A message sent to a device	Process	The way the device acts on the message	Outputs	Something that is sent out by the device	Search Engine Results Page (SERP)	This is a list of web pages, images and videos generated by search engines in response to inputted search terms	<p>Axes form part of the wheel mechanism in wheeled products such as toy cars, wheelbarrows and bicycles.</p>  <p>For a bicycle to function we need to use our legs and feet to push the pedals that rotate the axle and spin the wheels.</p>  <p>An electric motor converts electrical energy into rotational movement, causing the motor's axle to spin. Motors use electricity instead of human force to move the axle.</p>  <p>A motorised product is an object that uses a motor to function.</p> <p>Series circuits only have one path for the electrical current to flow.</p>  <p>If there is a break in a series circuit, the electrical current will be cut and all the components will stop working. Causing a break in a series circuit can act as a switch to turn the circuit off.</p> <table><tr><td>Circuit</td><td>A collection of components that make an electrical system</td></tr><tr><td>Circuit component</td><td>One of several parts that complete a circuit (bulb)</td></tr><tr><td>Current</td><td>The flow of electricity</td></tr><tr><td>Target user</td><td>A particular person at whom the product is aimed</td></tr></table>	Circuit	A collection of components that make an electrical system	Circuit component	One of several parts that complete a circuit (bulb)	Current	The flow of electricity	Target user	A particular person at whom the product is aimed	<p>TENSE music</p> <ul style="list-style-type: none">Long notes followed by short notes or pauses.Melody switching between two notes (think of 'Jaws').Useful for making the viewer think something bad is going to happen. <p>PURPOSEFUL music</p> <ul style="list-style-type: none">Military drum sounds.A major key (happy sounding music).A medium tempo.Useful for characters getting a job done, or planning to defeat the enemy, etc. <p>ROMANTIC music</p> <ul style="list-style-type: none">Slow, long notes.Sweeping melodies (getting higher and lower very smoothly and quickly).High, twinkly notes.Useful for showing which characters are the love interest. <p>DANGER music</p> <ul style="list-style-type: none">Getting higher and faster.Using lots of instruments to create a chaotic sound.Useful for building a sense of impending doom. <table><tr><td>Composition</td><td>A creative work, such as a piece of music.</td></tr><tr><td>Graphic score</td><td>A way of writing down music on the page without using traditional stave notation, instead using images to represent the music.</td></tr><tr><td>Major key</td><td>A tonality where the music sounds happy or bright.</td></tr><tr><td>Minor key</td><td>A tonality where the music sounds sad or tense.</td></tr><tr><td>Sound effects</td><td>Effects made that imitate real sounds.</td></tr><tr><td>Unison</td><td>Playing or singing notes at the same pitch, at the same time</td></tr></table>	Composition	A creative work, such as a piece of music.	Graphic score	A way of writing down music on the page without using traditional stave notation, instead using images to represent the music.	Major key	A tonality where the music sounds happy or bright.	Minor key	A tonality where the music sounds sad or tense.	Sound effects	Effects made that imitate real sounds.	Unison	Playing or singing notes at the same pitch, at the same time
Inputs	A message sent to a device																													
Process	The way the device acts on the message																													
Outputs	Something that is sent out by the device																													
Search Engine Results Page (SERP)	This is a list of web pages, images and videos generated by search engines in response to inputted search terms																													
Circuit	A collection of components that make an electrical system																													
Circuit component	One of several parts that complete a circuit (bulb)																													
Current	The flow of electricity																													
Target user	A particular person at whom the product is aimed																													
Composition	A creative work, such as a piece of music.																													
Graphic score	A way of writing down music on the page without using traditional stave notation, instead using images to represent the music.																													
Major key	A tonality where the music sounds happy or bright.																													
Minor key	A tonality where the music sounds sad or tense.																													
Sound effects	Effects made that imitate real sounds.																													
Unison	Playing or singing notes at the same pitch, at the same time																													

Science

Biology - Living things and their habitats

Organisms		A living thing such as an animal or plant.
Excretion		The process of removing waste matter from an organism.
Reproduction		The process of producing offspring. This can happen sexually or asexually.
Classification		The system by which organisms are arranged in groups based on shared features
Deciduous tree		A type of tree that loses its leaves in autumn
Evergreen tree		A type of tree that keeps its leaves all year round
Coniferous tree		An evergreen tree that produces cones instead of flowers

Types of Microorganisms

Microorganisms are very small **organisms** or **infectious** agents that can only be seen using a **microscope**. Some microorganisms are harmful and cause disease. Many are helpful and play a vital role in supporting life on Earth and in keeping humans healthy.

Bacteria	Viruses	Fungi
Can be shaped like a rod, sphere or spiral.	Smaller than bacteria and often spherical or rod-shaped.	Often grow in tube-shaped filaments.
Can be helpful in the human digestive system.	Require a host organism to survive.	Some types are edible.
Can cause food poisoning and other infections.	Can cause the common cold.	Can cause skin infections.

Basic Conditions for Life						
	Food	Shelter	Air	Water	Space	Light
Animals	Eaten for energy and nutrients.	A place to eat, sleep and raise young. Plants offer shelter to many animals.	Lungs, skin or gills are used to breathe.	Every organism requires water to survive.	Varies from animal to animal.	Animals can be active in the day or at night.
Plants	Plants make their own food through the process of photosynthesis.	Can benefit from shelter against severe weather.	Carbon dioxide and oxygen is required to make and use food.	Absorbed through the roots and transported via the stem.	Overcrowding can prevent growth.	Plants need light to make their own food.

Carl Linnaeus was a Swedish botanist who created the first system of classifying **organisms** into groups based on their physical features or characteristics.

This method became known as the Linnaean system.

