

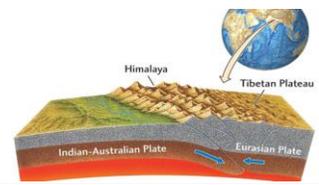
Knowledge Organiser: Is success the same for everyone?

Geography:

Everest (also known as *Chomolungma*) is the highest mountain on Earth above sea level (8,848.86 m or 29,031.7 ft). It is located in the Mahalangur Himal range of the Himalayas and borders China (Tibet) and Nepal. Attracting many climbers from around the world, conquering Everest is still the ultimate challenge within the climbing community.

The treacherous and dangerous journey to the summit is a minefield of ice walls, avalanches, hidden crevasses and death zones; and *should* only be attempted by the most experienced of climbers.

Over 60 million years old, Everest was formed by the movement of the Indian tectonic plate pushing up against the Eurasian plate; and is continuing to ¼ of an inch every year. It is comprised of shale, limestone and marble; and the rocky summit, is covered in deep snow all year long.



Music:

A study of Nepalese music and instruments. Music can be transcribed in a variety of ways so that others can read it.

RE: Do clothes express beliefs?

Clothes are used by people all over the world to express things that matter to them. Different religions use different ways of dressing to express aspects of their faith. Clothes and accessories can be used to help people feel like part of a community.

People:

The 1924 expedition team to Everest including: George Leigh Mallory, Andrew 'Sandy' Irvine, Noel Odell and Edward Norton.

The 1953 expedition team to Everest including: Sir Edmund Hillary and Tenzing Norgay.

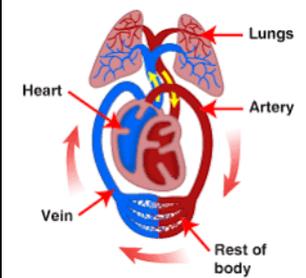
Julie Summers: Local historical author and great niece of Andrew Irvine.



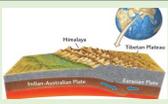
Science:

Animals Including Humans

- The human circulatory system transports oxygen around the body.
- The heart is a muscle that pumps blood around the body. It has four chambers called the right and left atrium and the right and left ventricle. They are separated by valves.
- There are three types of blood vessel: veins, arteries and capillaries.
- The body needs more oxygen to be transported to muscles when exercising.
- Diet, exercise, drugs and lifestyle can all impact the way bodies function. The effects can be negative or positive.
- Nutrients are absorbed into the bloodstream from the small intestine and are transported around the body. transported around.



60 million
BCE



1802 Highest peaks on Earth measured



1921 First official expedition to Everest



1924 Mallory and Irvine Everest expedition



1953 Hillary and Norgay Everest expedition



1975 Tabei Junko is the first female to conquer Everest



2011 Jordan Romero conquers Everest aged 13 years



Key Events

1921	What began as a reconnaissance mission, Mallory sees first-hand - the beauty and magnitude of Everest for the first time. Compelled to climb the mountain, he sets off with an unexperienced and under equipped team. Unsurprisingly, the summit attempt was unsuccessful.
1922	Although better prepared: stronger climbers, a bigger team and fully equipped; the 1922 expedition would become Mallory's second unsuccessful summit attempt. Having made it to 26,800 feet, Mallory and his team found themselves in the heart of the Death Zone. The harsh weather and thin air, forced Mallory to turn back for home.
1924	Mallory's third and final attempt to conquer Everest, ends in an unresolved mystery.
1953	Edmund Hillary and Tenzing Norgay lead a British organised expedition of Everest.
1975	Tabei Junko becomes the first female climber to successfully conquer Everest; and each of the seven highest summits on Earth.
1975	Chris Bonington, Doug Scott, Dougal Haston, Nick Estcourt and Tut Braithwaite become the first team to conquer Everest from its southwest face.

Art:

Watercolours can be used in a range of techniques to create different textures and shades. Colour mixing produces a wide range of tones within each colour. Jackie Morris is a British artist who create wildlife images with highlights to catch the eye.



Vocabulary

altitude	If something is at a particular altitude , it is at that height above sea level.
alveolus (plural: alveoli)	Any of the tiny air sacs in the lungs at the end of the bronchioles , through which oxygen is taken into the blood.
aorta	The aorta is the main artery through which blood leaves your heart before it flows through the rest of your body.
artery	Arteries are the tubes in your body that carry blood from your heart to the rest of your body.
ascent	An ascent is an upward journey , especially when you are walking or climbing.
atrium	The atrium is the upper part of each half of the heart.
bronchiole	Any of the smallest bronchial tubes, usually ending in alveoli .
bronchus (plural: bronchi)	Either of the two main branches of the trachea , which contain cartilage within their walls .
circulatory system	The system concerned with the transport of blood and lymph , consisting of the heart , blood vessels , lymph vessels, etc
crevasse	A crevasse is a large, deep crack in thick ice or rock .
descent	A descent is a movement from a higher to a lower level or position.

Vocabulary

glacier	A glacier is an extremely large mass of ice which moves very slowly, often down a mountain valley.
hypothermia	If someone has hypothermia , their body temperature has become dangerously low as a result of being in severe cold for a long time.
lama	A lama is a Buddhist priest or monk.
plate	In geology , a plate is a large piece of the Earth's surface, perhaps as large as a continent , which moves very slowly.
plate tectonics	Plate tectonics is the study of the way that large pieces of the Earth's surface move slowly around.
plateau	A plateau is a large area of high and fairly flat land.
respiration	Your respiration is your breathing.
summit	The summit of a mountain is the top of it.
terrain	Terrain is used to refer to an area of land or a type of land when you are considering its physical features .
valve	A valve is a small piece of tissue in your heart or in a vein which controls the flow of blood and keeps it flowing in one direction only.
vein	Your veins are the thin tubes in your body through which your blood flows towards your heart.
ventricle	A ventricle is a part of the heart that pumps blood to the arteries.

UN Convention of the Rights of the Child

Article 14

You have the right to think what you like and be whatever religion you want to be, with your parents' guidance.

Feeling Curious?

<https://www.nationalgeographic.com/>
<https://www.thebmc.co.uk/>