

PUMP IT UP

WHAT WILL YEAR 5/6 BE LOOKING AT IN THE SECOND SPRING 2026 TERM?

WHAT ARE WE LEARNING ABOUT?

English	Persuasive Letter Explanation Text: The Heart Newspaper Article
Maths	Area and Perimeter Decimals B Decimals, Percentages & Fractions
Science	The Circulatory System
Art	Cross-Sectional Drawings
Computing	Coding
DT	Food & Nutrition
French	Le week-end (The Weekend)
Geography	Exploring Scandinavia
Music	Samba
PE	RealPE: Footwork Orienteering
PSHE	Jigsaw: Healthy Me
RE	How do people choose between right and wrong?

CAN YOU FIND OUT?

- WHY DOES YOUR PULSE INCREASE WHEN YOU EXERCISE?
- WHAT ARE THE CAPITAL CITIES OF SCANDINAVIA?
- WHY DOES YOUR BODY NEED OXYGEN?
- HOW CAN YOU KEEP YOUR BODY HEALTHY?

PIG HEART BOY

This term we are going to be reading *Pig Heart Boy* by Malorie Blackman for our class novel. Here is the synopsis:



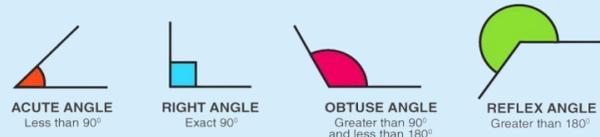
Cameron is thirteen, and all he wants is a 'normal' life - friends, swimming, school, family. But his life is far from normal. Not every thirteen-year-old desperately needs a new heart because theirs doesn't work properly.

Finally, one doctor offers hope. Cameron could - if he and his parents agree - take part in a radical and controversial procedure involving the transplant of a pig's heart into his human body. It's risky. And it's never been done before . . .

While Cameron comes to terms with the idea, he finds the world around him is much less accepting. But surely everyone will understand that it's better to have a pig's heart that works than a human heart that doesn't - won't they . . . ?

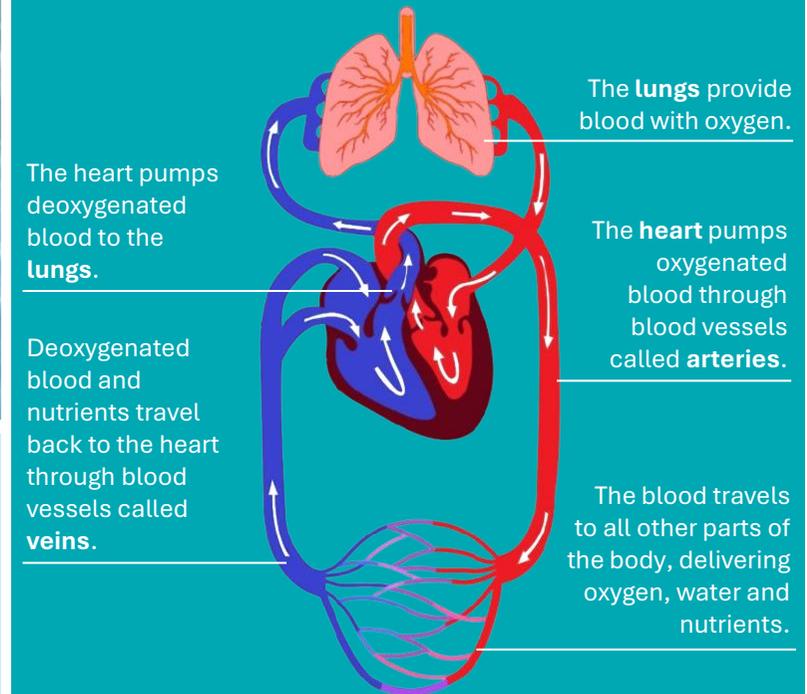
MATHS

We will start the term by looking at coordinates and how to reflect, rotate and translate shapes. We will then explore the different types of angles and how to identify them.



THE CIRCULATORY SYSTEM

The body's circulatory system is responsible for transporting **nutrients, water and oxygen** to the billions of cells all around your body. It also carries away waste, such as **carbon dioxide**, that the cells produce. It is an amazing system that travels through your entire body connecting all your body cells.



PREVIOUS KNOWLEDGE

You would have already learnt to:

- describe the changes as humans develop to old age.
- describe the simple functions of the basic parts of the digestive system in humans.
- identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat.



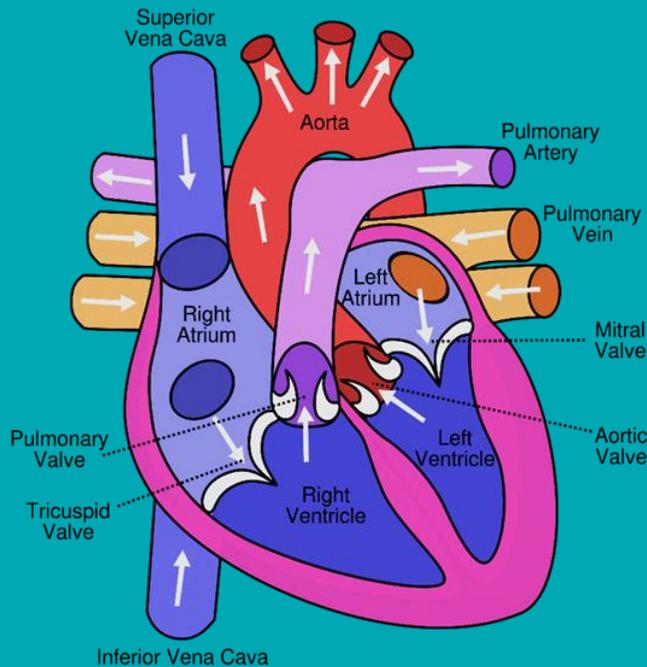
KEEP PRACTISING YOUR TIMES TABLES ON TT ROCKSTARS. WHO WILL BE TOP OF THE LEADERBOARD?

PUMP IT UP

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THE HEART

Mammals have hearts with four chambers. The blood that has come from the body is deoxygenated so the heart pumps the blood to the lungs to get oxygen. It then pumps this oxygenated blood around the body.



USEFUL LINKS

BBC Bitesize: The circulatory system
<https://www.bbc.co.uk/bitesize/articles/z9w9r2p>

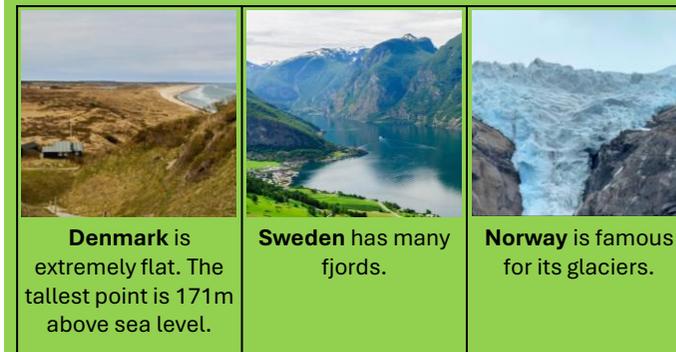
National Geographic Kids: Sweden
<https://kids.nationalgeographic.com/geography/countries/article/sweden>

Please note, these external links have been checked, but caution is always suggested when using the internet.

WHERE IS SCANDINAVIA?



PHYSICAL FEATURES OF SCANDINAVIA



Denmark is extremely flat. The tallest point is 171m above sea level.

Sweden has many fjords.

Norway is famous for its glaciers.

SIMILARITIES & DIFFERENCES TO THE UK

Similarities	Differences
<ul style="list-style-type: none"> Hill/ Mountainous areas. London and Stockholm have rivers through the middle. 	<ul style="list-style-type: none"> Weather is much colder. Population of the UK is much larger. UK does not have Glaciers

KEY VOCABULARY

alcohol	A drug produced from grains, fruits or vegetables when they are put through a process called fermentation.
blood vessels	The tube-like structures that carry blood through the tissues and organs. Veins, arteries and capillaries are the three types of blood vessels.
circulatory system	A system which includes the heart, veins, arteries and blood transporting substances around the body.
deoxygenated blood	Deoxygenated blood is blood where most of the oxygen has already been transferred to the rest of the body.
drug	A substance containing natural or man-made chemicals that has an effect on your body when it enters your system.
fjord	A narrow inlet of the sea between cliffs or steep slopes.
glacier	A large area of thick ice that remains frozen but moves slowly.
heart	An organ which constantly pumps blood around the circulatory system.
nutrients	Substances that animals need to stay alive and healthy.
oxygenated blood	Oxygenated blood has more oxygen. It is pumped from the heart to the rest of the body.
peninsula	A peninsula is a region of land that sticks out in a body of water. It is also defined as a piece of land with water on three sides.
subarctic	Used to describe regions immediately outside of the Arctic Circle.
tundra	A large barren region with no trees.