

Matters of the Heart

Your heart pumps blood around **circulatory system**. Blood carries useful things like **oxygen**, water and nutrients.

This topic is all about the heart. We will learn how it works and how to keep it healthy. We will raise money to help the **British Heart Foundation** who fund research that will help scientists find a cure for heart disease.

SCIENCE

Science key words

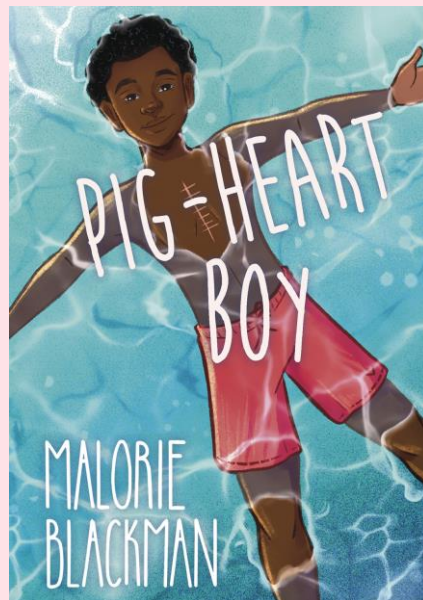
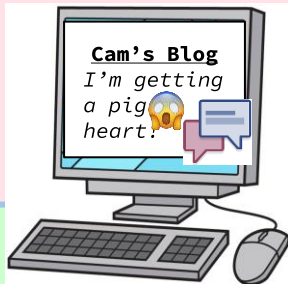
nutrients	the things in food that our bodies need to live and grow
oxygen	A gas. We breathe this in, we need it to live.
carbon dioxide	A gas. We breathe this out.
pump	to force something to move
blood vessels (e.g. arteries and veins)	tubes that carry blood around your body
heart rate	the number of times your heart beats every minute
muscle	parts of our body that help us move
inconsistent results	results that don't fit - something is different

What are the risks and the benefits of sharing information about your life online? Know the risks to stay safe.

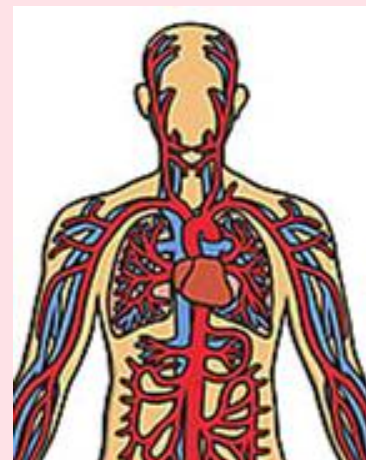
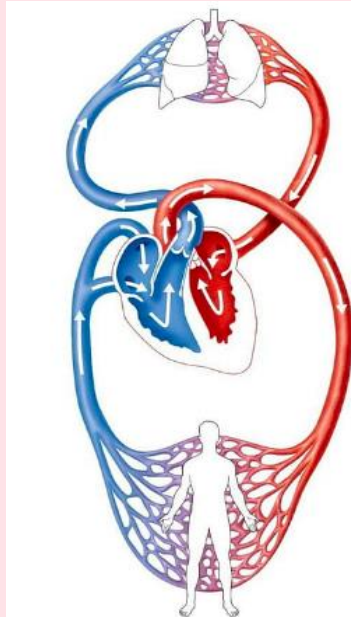
COMPUTING

Computing key words

share	showing things like pictures or text to other people online
trolling online	bullying online
public	everyone can see what has been shared online
private	only certain people can see what's been shared online
clickbait	something (like text or a link) that is made to get people's attention online so that they click on it
block	to stop someone contacting you online
report	to tell a website that someone is breaking rules online (e.g. they are being unkind)



Circulatory System



Your heart is a **muscular organ**. Your heart gets stronger when you exercise. The best exercises get you slightly out of breath and increase your heart rate.

Observing and measuring and **recording and reporting** are important scientific skills.

Brilliant scientists:

1. Check their results carefully.
2. Spot inconsistent results.
3. Think about what might have gone wrong.
4. Repeat results that need to be done again.