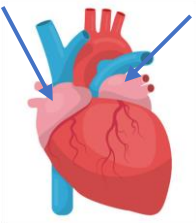

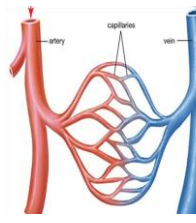
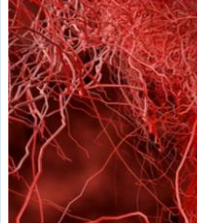

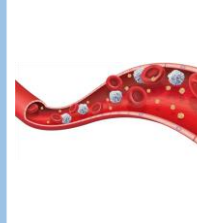
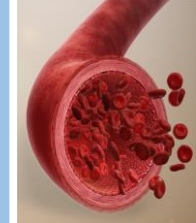
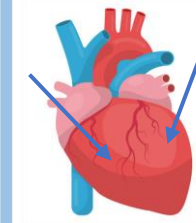
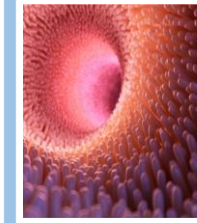


Animals Including Humans (Y6)

Vocabulary

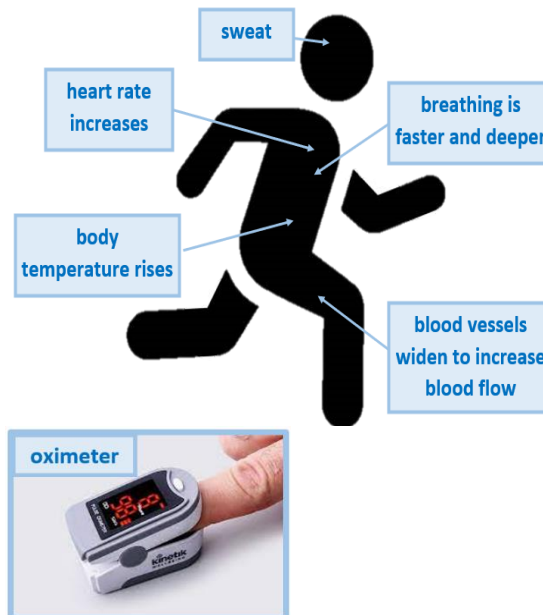
atrium	artery	blood vessel	capillary	liver	nutrients	vein	ventricle	villi
								
Two upper chambers of the heart.	Carries oxygenated blood away from the heart.	Tubes carrying blood through tissues and organs.	Very small blood vessels.	Organ that cleans the blood.	Chemicals needed for the body to grow.	Carries deoxygenated blood to the heart.	Two lower chambers of the heart.	Tiny blood vessels in the small intestine.

Big Ws: Drugs

- Drugs change **how a living thing works.**
- Some drugs are **helpful** and some are **harmful.**








Big Ws: Exercise



Big Ws: Diet

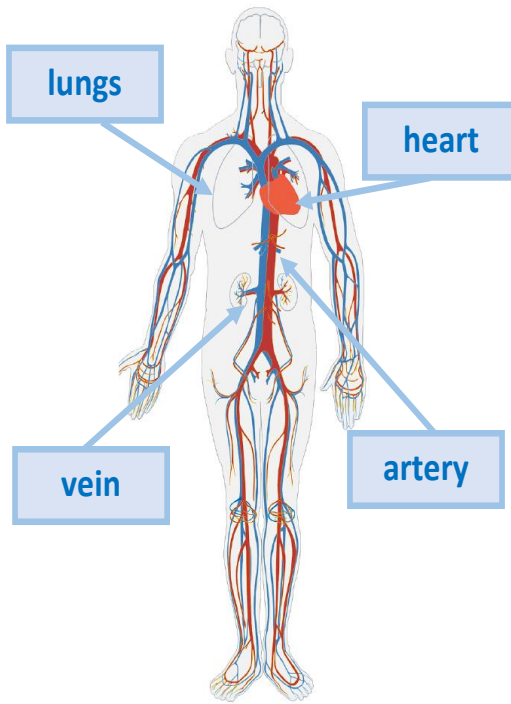
- For the body to function it needs a **healthy and balanced diet.**

carbohydrates	dairy	fruits and vegetables	fats, sugars and salts	proteins
Energy. Digestive system health. 	Calcium for teeth and bones. 	Vitamins. Helps fight off illnesses 	Need to be eaten in moderation 	Growth and repair. Brain health. 

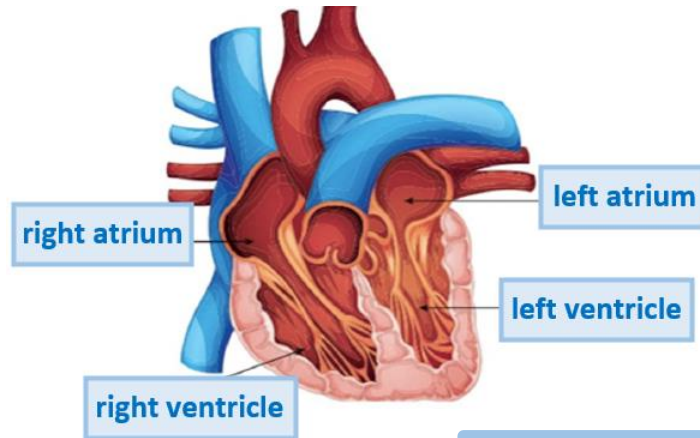
- **Scurvy** is caused by a lack of **vitamin C.**



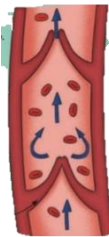
Big Ws: Circulatory System



Big Ws: Heart



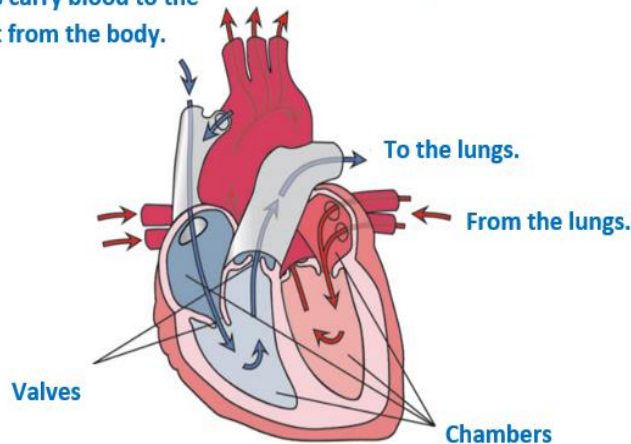
- Valves control the **flow of blood**.
- They only open in **one direction**.



SCAN ME

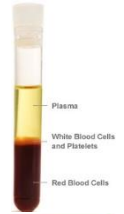
Arteries carry blood from the heart to the body.

Veins carry blood to the heart from the body.



Big Ws: Blood

- Blood as two parts: **plasma** and **cells**.



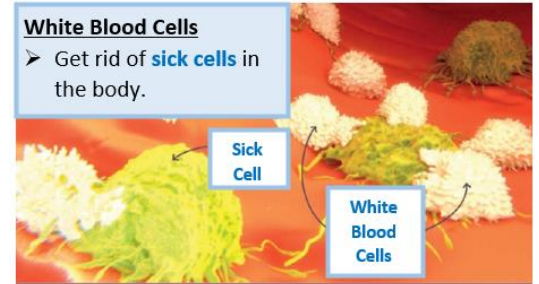
Red Blood Cells

- Carry **oxygen** around the body.



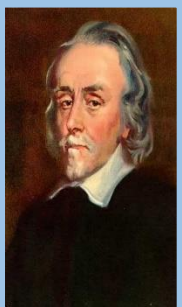
White Blood Cells

- Get rid of **sick cells** in the body.



Important People

William Harvey (1578 – 1657)



- Recognised that **blood flows around the human body**.
- Learnt that blood is pumped through **arteries** and **veins**.

Big Ws: Water and Nutrients

capillaries

Food, oxygen and waste pass through the thin walls of capillaries.

They **carry waste** back to the veins.

villi

Have **tiny blood vessels** inside.

Nutrients go through the villi walls **into the blood**.

liver

Blood carries nutrients to the liver. It **strains out the nutrients** and **stores** them until the body needs them.