



Unit: Animals, Including Humans.

Concept: Life

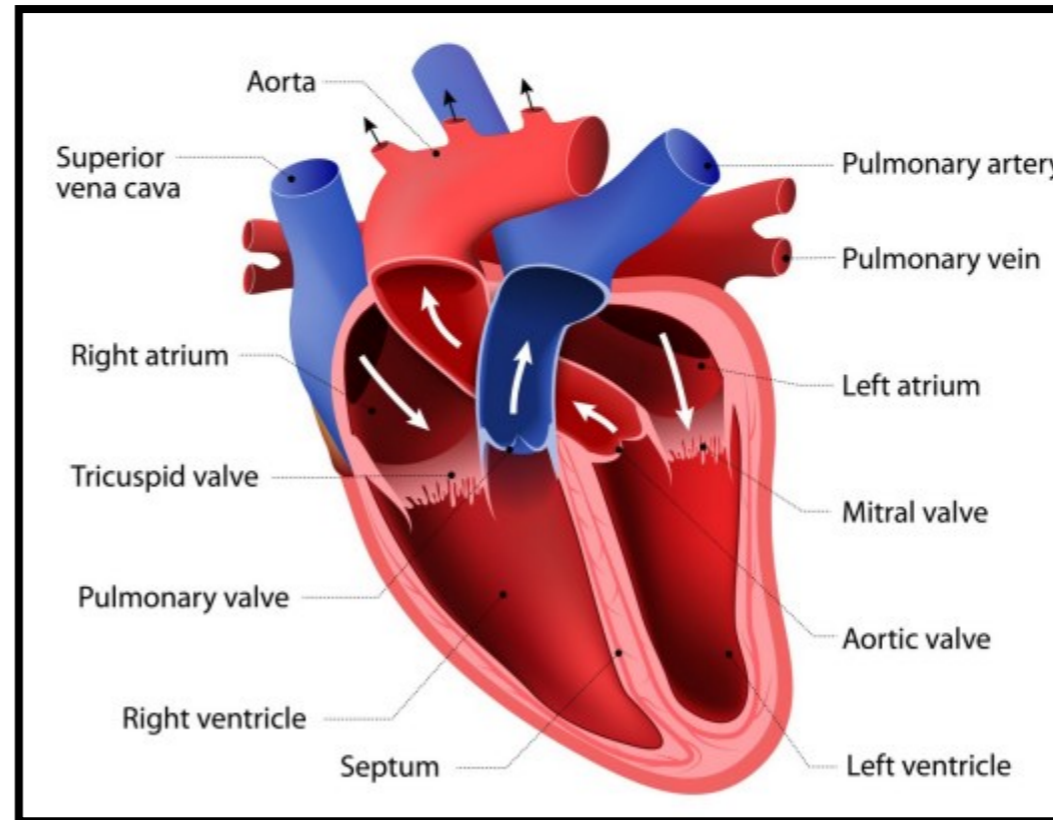


Subject:  
Science

What?  
Rocket Words

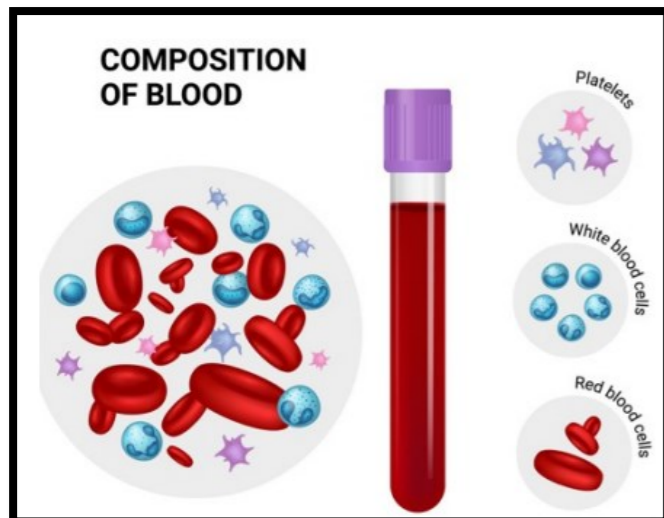


Spelling	Definition/Sentence
Atrium	The upper chambers of the heart
Ventricle	The lower chambers of the heart
Vessel	Tube which circulates the blood through the body
Valve	Flaps which open and close to allow blood flow
Diffusion	The movement of all liquids and gases
Osmosis	The movement of water only
Oxygenated	Containing oxygen
Deoxygenated	Not containing oxygen



The red vessels are **arteries** and the blue vessels are **veins**. **Arteries** have thick, muscular walls and carry **oxygenated** blood from the **heart** to the rest of the body. **Veins** carry **deoxygenated** blood back to the heart and have thinner walls. **Capillaries** are microscopic vessels which link the veins and arteries together.

**Red** blood cells carry oxygen.  
**White** blood cells fight infection as part of the immune system.  
**Platelets** help to clot (thicken) the blood and form a scab.  
**Plasma** is the fluid part of the blood, which transports the blood cells and platelets



Sequence of lessons	
Lesson	
1	Understand the heart and its function in the circulatory system.
2	Identify and compare blood vessels
3	Explore properties of blood.
4	Learn about the body transports nutrients. .
5	Investigate what affects your heart rate.

