

CARDIOVASCULAR system

FUNCTION

Also Known As the Circulatory System

Carries gases, nutrients and hormones to body cells and waste products away from cells. It maintains homeostasis by regulating body temperature

CONSISTS OF 3 PARTS

♥ Heart

🩸 Blood vessels

💧 Blood

Important Facts!

♥ Also called transportation system.

♥ It is an involuntary muscle.

♥ It is a hollow organ.

♥ It has 4 hollow chambers

• left Atria

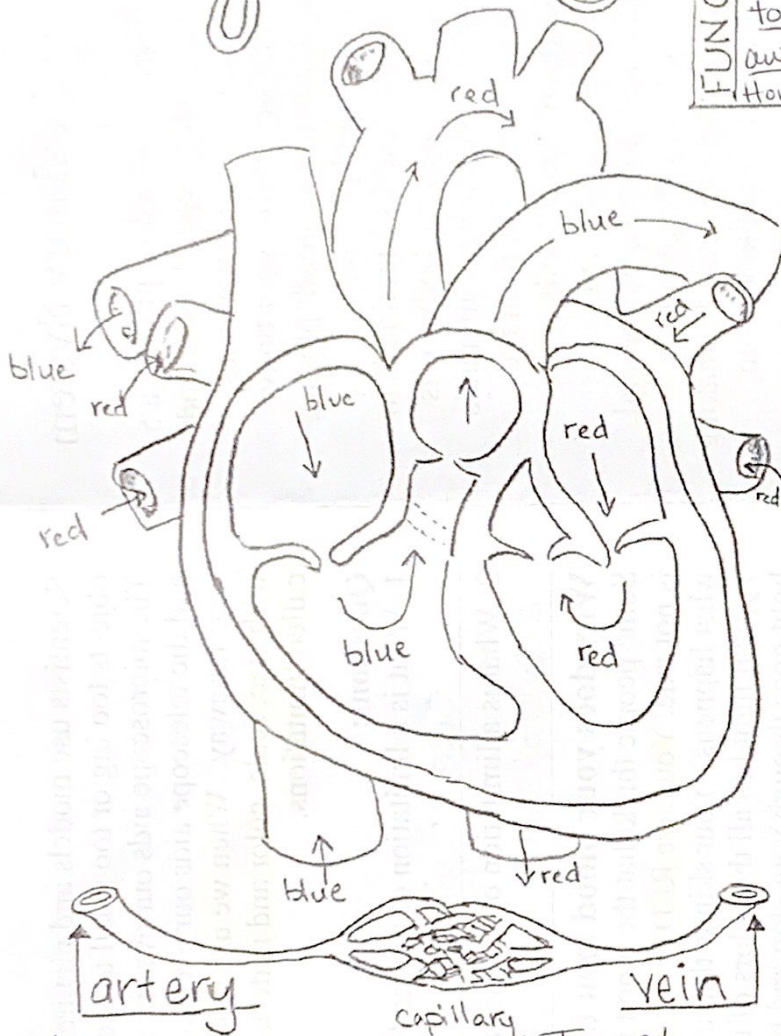
• right Atria

• left ventricle

• right ventricle

♥ Blood vessels are like a 2-way highway system.

♥ Valves keep blood flowing in one direction.



Away from the heart (exchange) Toward the heart

	Plasma	Platelets	White Blood Cells	Red Blood Cells
What is Blood Made of?	fluid part of blood. made of: • water • nutrients • sugar • proteins	Clump together to close wounds • forms scabs	Keeps body healthy by fighting pathogens • microscopic organisms that cause disease	Carry oxygen to the body, takes away Carbon dioxide, CO ₂