



SCIENCE

The Heart

AGE 10-12

Learning Focus

Name the parts of the human circulatory system and their functions.

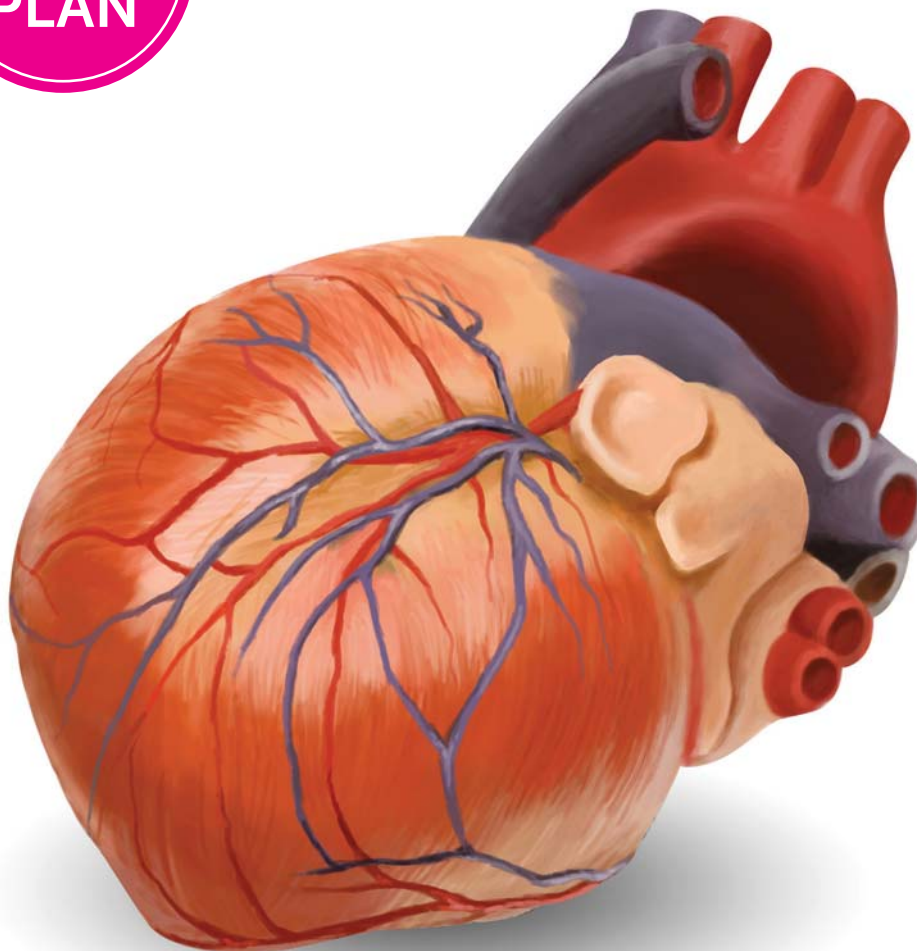
Key Questions

- > What are the differences between the left and the right side of the heart?
- > Can you identify the four chambers?
- > Which blood vessels are veins and which are arteries? What is the difference between the two?
- > What is happening with each heartbeat?
- > How can you check how fast your heart rate is?
- > What would change if the human started doing vigorous exercise?
- > What do you notice about your own heart rate when you start to run on the spot?

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SAMPLE
LESSON
PLAN



SCIENCE

The Heart



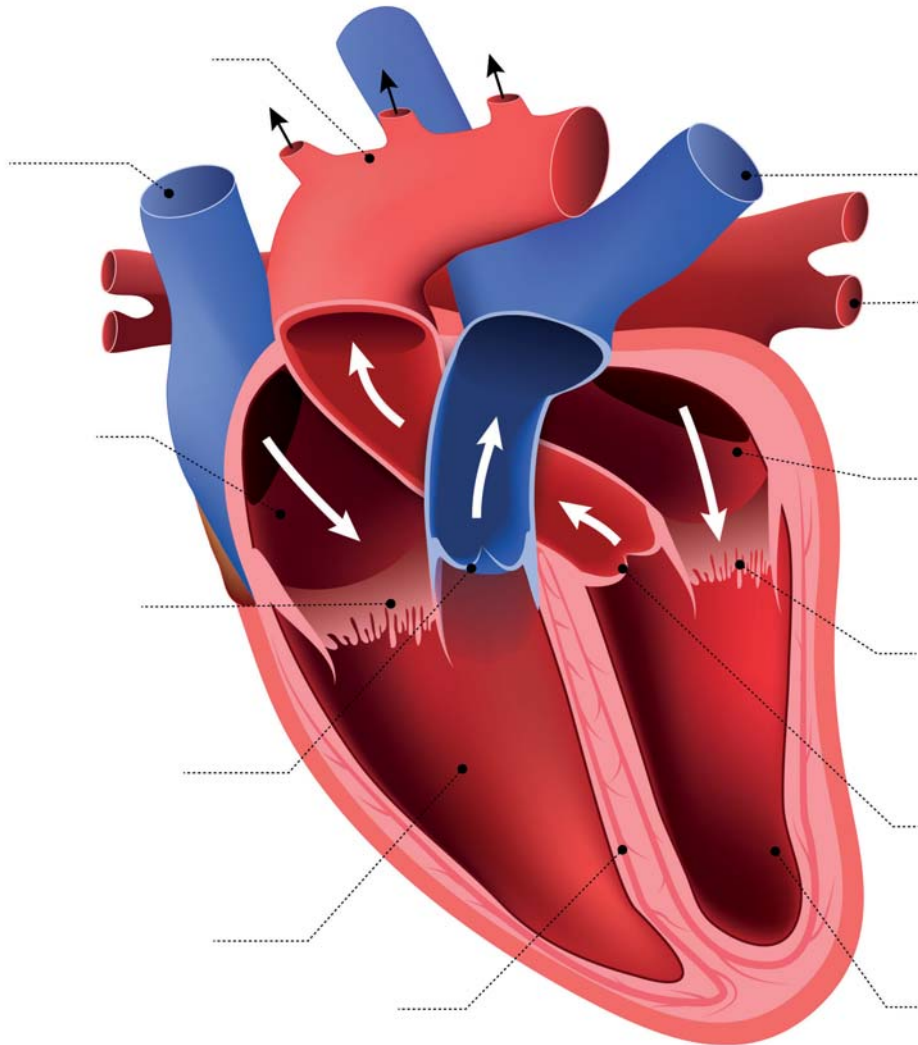
Follow-Up Activity

Label the chambers on the heart diagram as well as the surrounding blood vessels.

Why not challenge yourself and label where in the body the oxygenated or deoxygenated blood is coming from or going to?

Name

Date



Aorta

Aortic Valve

Left Atrium

Left Ventricle

Mitral Valve

Pulmonary Artery

Pulmonary Valve

Pulmonary Vein

Right Atrium

Right Ventricle

Septum

Superior Vena Cava

Tricuspid Valve