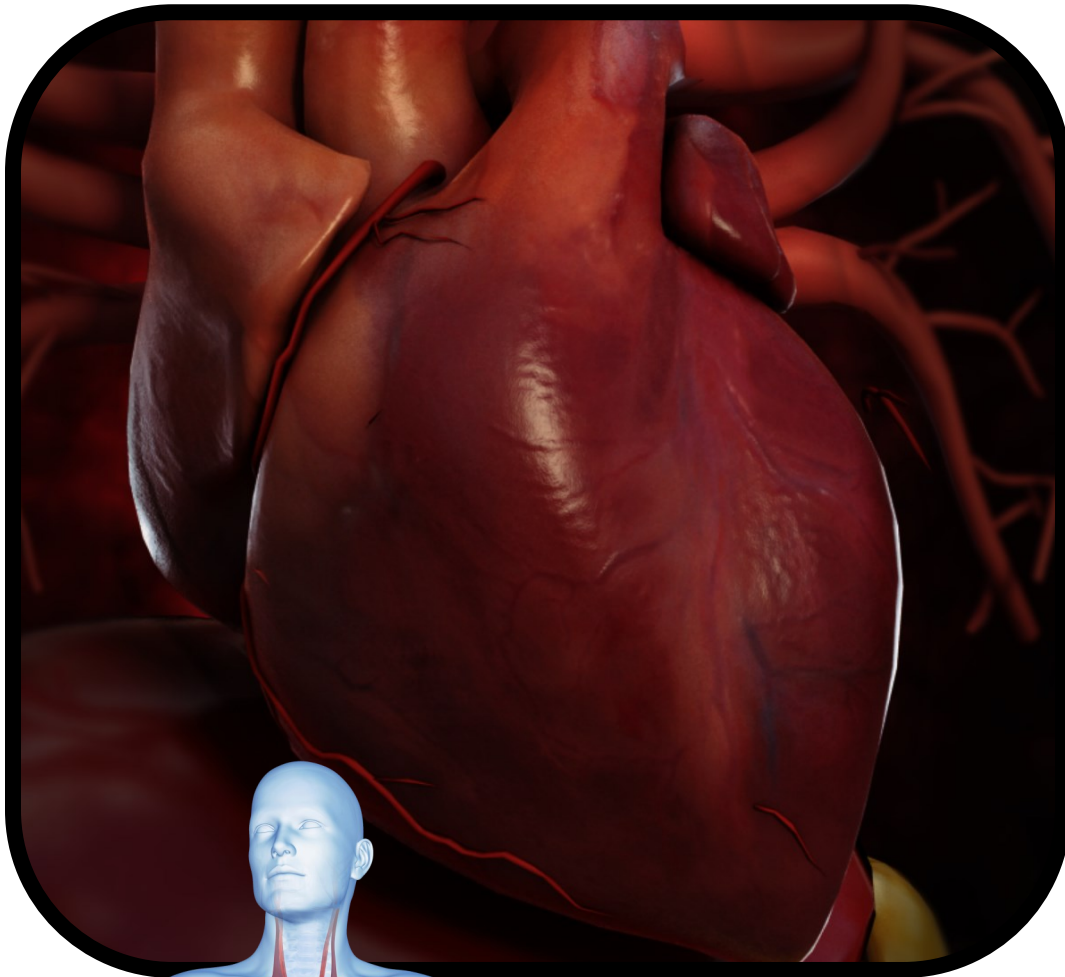




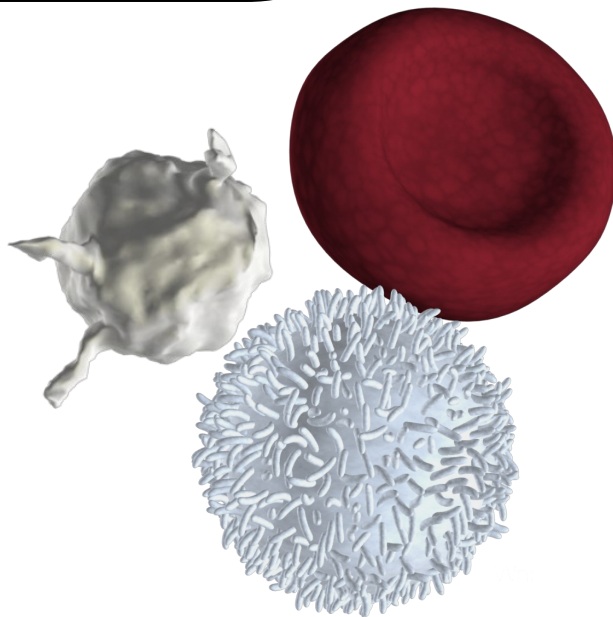
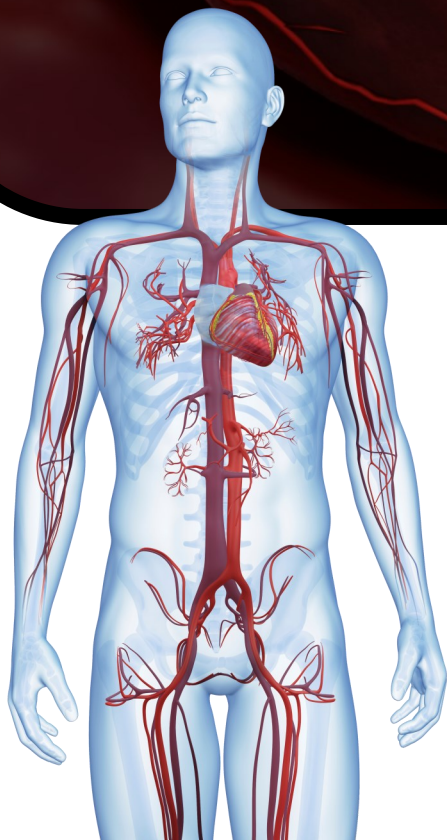
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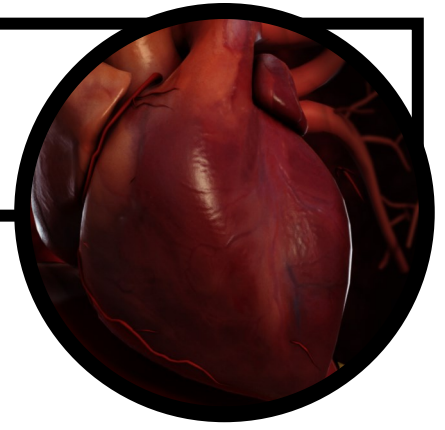


Grades
3-5

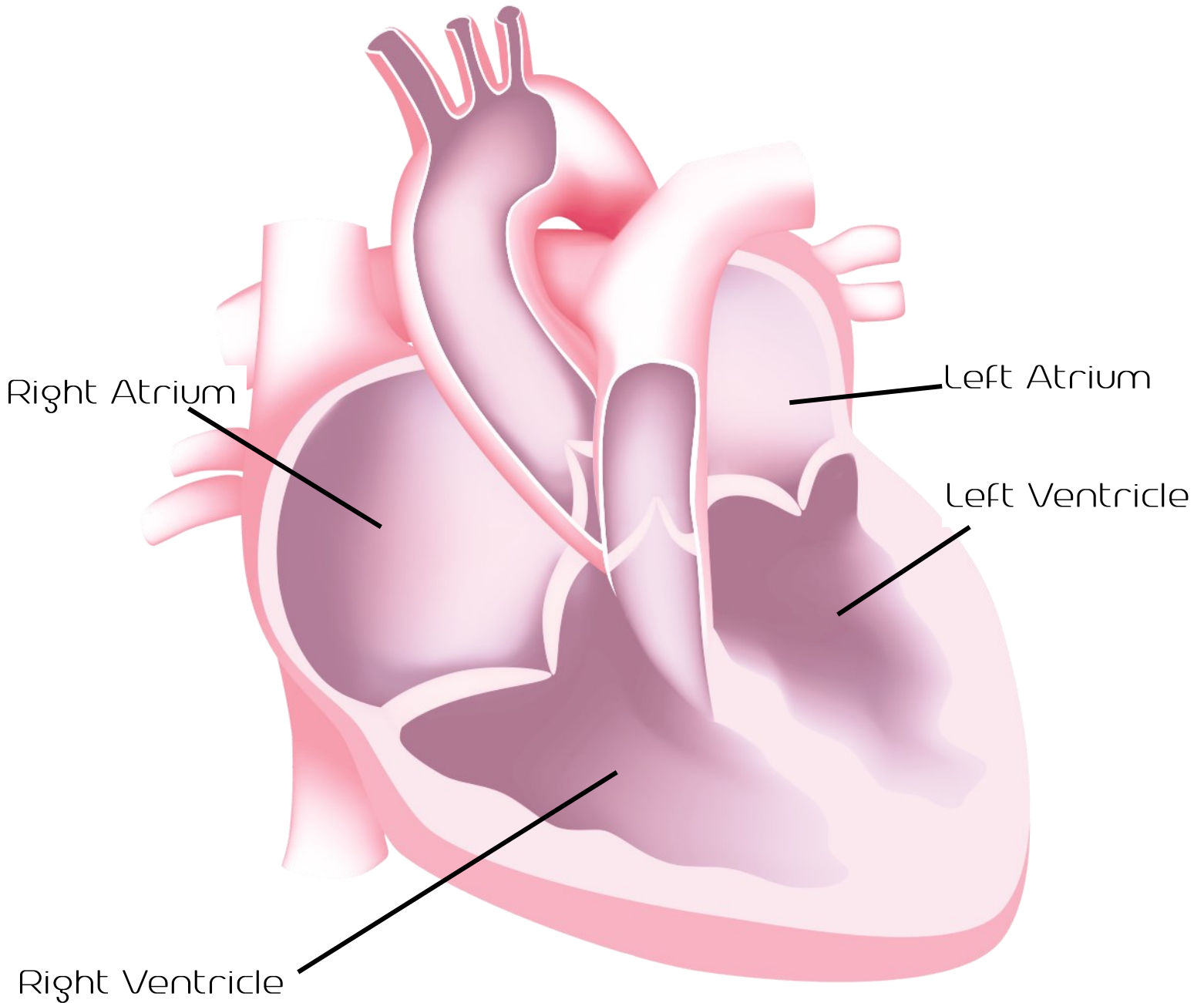


NAME

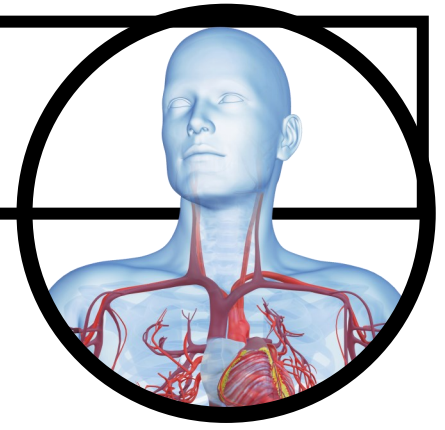
Path of Blood



Draw arrows to follow the path of the blood through the heart.



Pulse



You can feel the blood being pushed through the arteries by your heart.

This is called your pulse.

1. Count your pulse for 1 minute.

Record that number here: _____ BPM (Beats per Minute)

This is the number of times that your heart beats in one minute when you are resting.

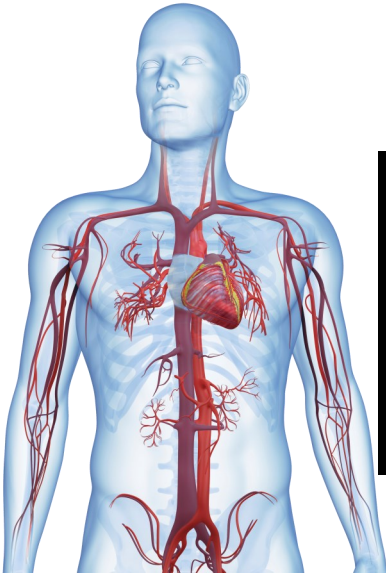
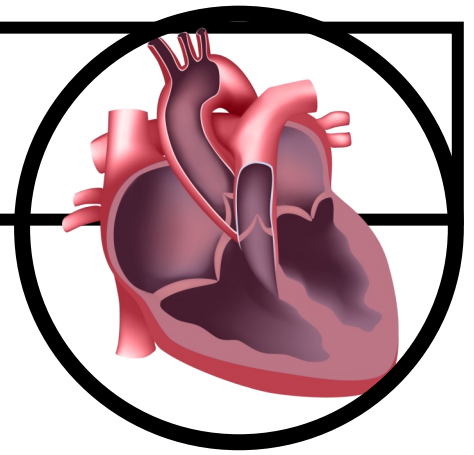
2. Predict how many times your heart will beat after 1 minute of exercise. _____ BPM (Beats per Minute)

3. Exercise for 1 minute.

4. Count your heart beats again for 1 minute.

Record that number here: _____ BPM (Beats per Minute)

Blood Vessels

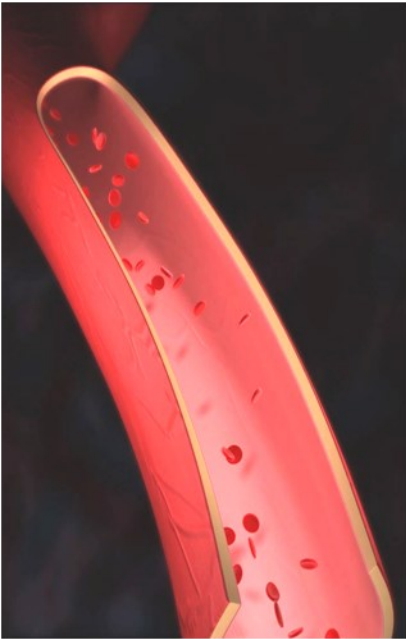


Blood Vessels are tubes which carry our blood.

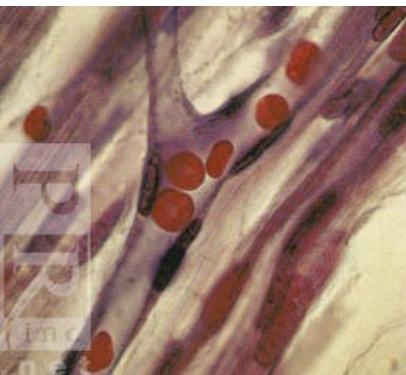
Artery

Vein

Capillary

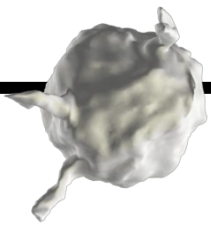


Name the vessel: _____
Job: Carries blood with oxygen in it away from our heart to our body.

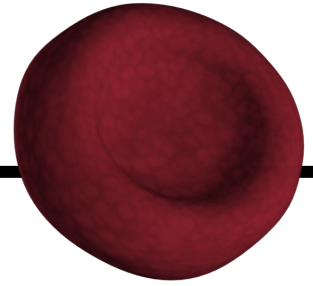


Name the vessel: _____
Job: Carries blood with carbon dioxide in it away from our body back to our heart.

Name the vessel: _____
Job: Tiny blood vessels which connect arteries and veins and allow oxygen and nutrients to pass from our blood into our body parts.



Blood



Label each part of the blood in its box.

White Blood Cell

Red Blood Cell

Plasma

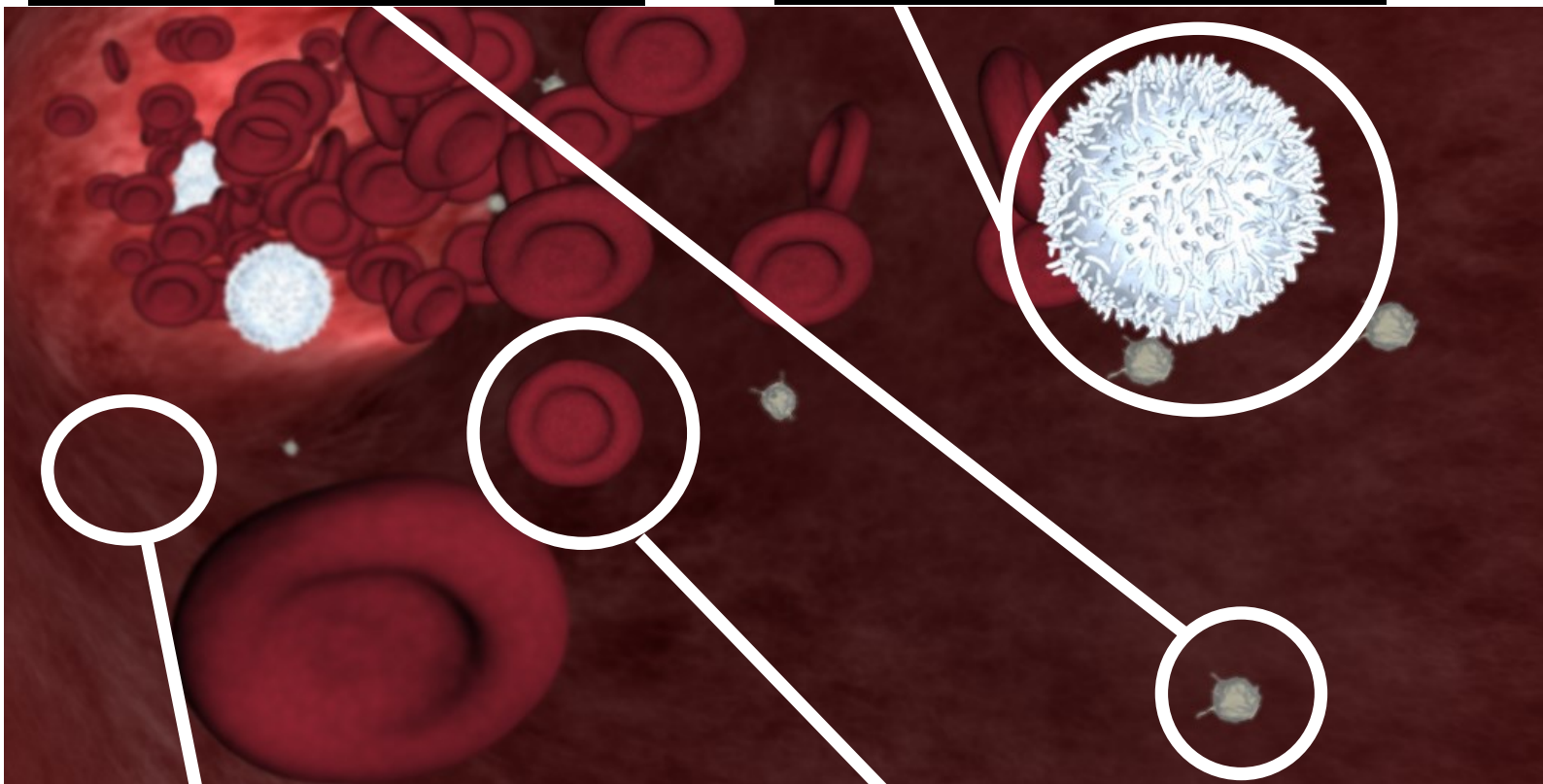
Platelet

Blood Cell Name:

Job: Clots blood

Blood Cell Name:

Job: Fights germs



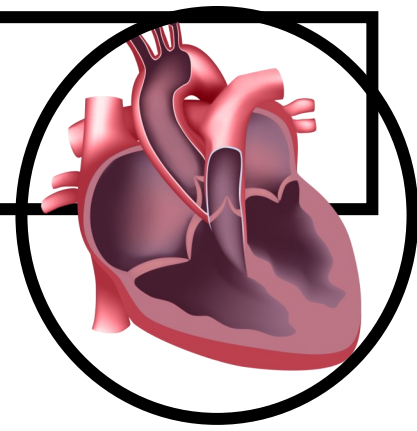
Liquid Name:

Job: Carries blood cells and nutrients.

Blood Cell Name:

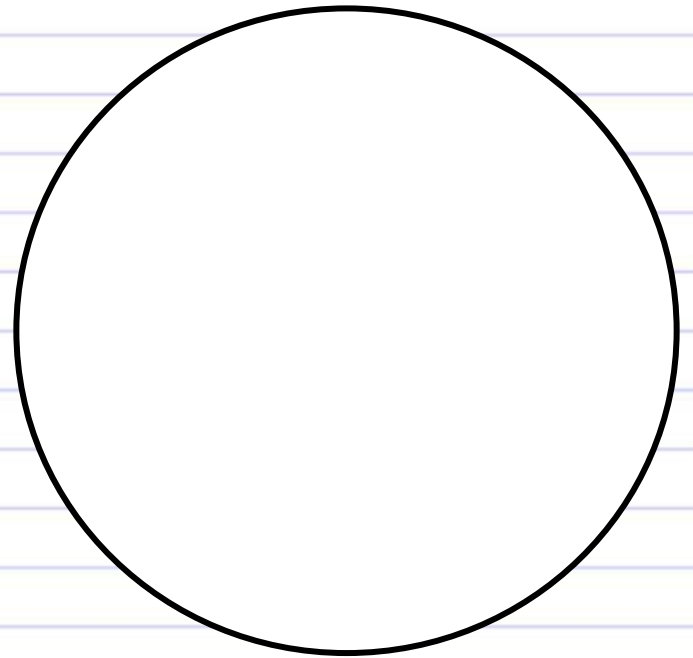
Job: Carries oxygen

Observations



Answer the following questions after the program in groups, pairs, or individually.

What were your observations during the dissection?



Draw the heart here

Why do you think it's important to study the circulatory system? How does your heart keep you alive?