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

- Right Atrium
- Left Atrium
- Left Ventricle
- Right Ventricle
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
Plasma

Red Blood Cell
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, pair-share, 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?