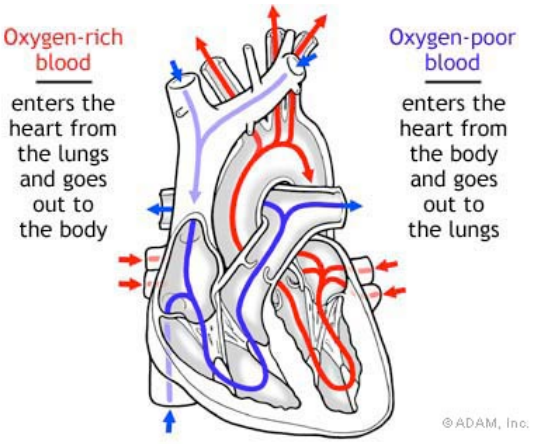
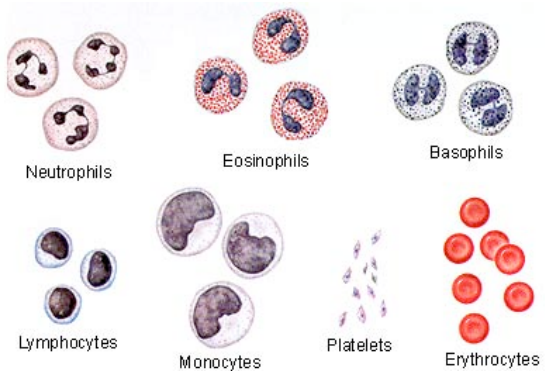
BLOOD





Blood is a bodily fluid in animals that delivers necessary substances such as nutrients and oxygen to the cells and transports metabolic waste products away from those same cells. Blood is circulated around the body through blood vessels by the pumping action of the heart. In animals with lungs, arterial blood carries oxygen from inhaled air to the tissues of the body, and venous blood carries carbon dioxide, a waste product of metabolism produced by cells, from the tissues to the lungs to be exhaled.

1. What are the components of blood?
2. ***Include a picture of the components of blood.***
3. Name and describe the functions of the three types of cells found in blood.
4. ***Include a picture of each.***
5. Briefly describe hemoglobin molecule. Be sure to include the metal ion and the amount of oxygen each molecule can hold.
6. Describe the steps when a blood vessel is damaged.

Heart Pic: http://health.nytimes.com/health/guides/specialtopic/physical-activity/exercise%27s-effects-on-the-heart.html
Blood Cell Pic: http://www.biosbcc.net/doohan/sample/htm/Blood%20cells.htm
Blood Info: "Blood." *Wikipedia*. Wikimedia Foundation, 13 May 2013. Web. 15 May 2013

Names_____and_____

Title your project BLOOD and type you names below it. _____
Label you work cited page WORK CITED and type your names beneath it. _____

1. Name and describe the three types of cells found in blood.

2. Include a picture of each._____

3. Briefly describe hemoglobin molecule. Be sure to include the metal ion and the amount of oxygen each molecule can hold.

4. What level of carbon monoxide in you blood is fatal.

5. Describe your blood if you are type O.

6. Describe your blood if you are type A.

7. What happens if you give type B blood to a person with type A blood?

8. What happens if you give type B blood to a person with type AB blood?

9. Find a pie chart of the population and the amount of each blood type. _____