**Science 5 Study Guide: Circulatory System ( p. 148-149 and notes in journal)**

**Vocabulary**

Pulse plasma

Circulatory system platelets

Heart blood cells

Blood donor

Blood vessels recipient

Arteries capillaries

Veins

**Concepts**

* What is the purpose of the circulatory system?
* Know the three kinds of blood vessels and what kind of blood they carry. Know that capillaries connect the smallest arteries and veins.
* Relate your pulse to your heartbeat. (An artery opens to let blood out to the rest of the body. Your pulse is the throbbing as the blood flows through).
* Know the names of the 4 chambers of the heart. Be able to label the chambers.
* Be able to show the direction of the flow of blood through the chambers.
* Be able to name and describe the parts of blood and what they do (plasma, platelets, red blood cells, white blood cells).
* Know the four blood types. Know the universal donor and universal recipient.
* Be able to tell why blood types must be checked and matched before transfusions.