

There will be a science test over chapter 13 of the science book (pages 577-599) on Wednesday. The vocabulary list is attached as well as some basic information the students should know. This will be given in just one test since the terms and concepts go together.

Concepts to know:

How the respiratory and circulatory systems work and what organs are involved

What the four blood types are

How the heart works and how the heart and lungs work together

What blood pressure is and how to locate your pulse

How can you stay healthy

Vocabulary:

1. **antibody** a protein in blood that helps the body find and destroy materials that may be harmful
2. **artery** a blood vessel that carries blood away from the heart
3. **capillary** the smallest type of blood vessel, where materials are exchanged between blood and body cells
4. **cilia** small hairlike structures that move small particles of dirt out of the respiratory system.
5. **diaphragm** a sheet of muscle below the chest cavity that helps control breathing
6. **diffusion** the process by which a substance such as a gas moves from areas of high concentration to areas of low concentration
7. **hemoglobin** a chemical that carries oxygen around in the body
8. **mucus** a sticky fluid that traps and prevents foreign particles from entering the body
9. **plasma** the pale-yellow liquid part of blood that contains nutrients
10. **platelet** a cell fragment in blood that helps blood to form blood clots
11. **respiration** the process of obtaining and using oxygen in the body
12. **trachea** a stiff tube lined with cartilage that transports air between the throat and lungs
13. **transfusion** taking blood from one person and giving it to another person
14. **vein** a blood vessel that carries blood toward the heart