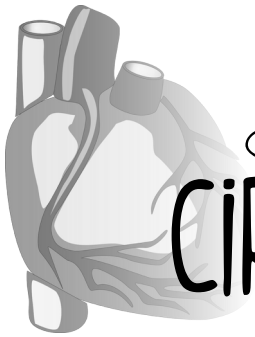

Super-Sized CIRCULATORY SYSTEM

Activity from: LearnEdNotebooks.com

Explore the circulatory system by creating a super-sized mural! Take a look at just where the red blood cells, white blood cells, and platelets go as you work together to construct the heart, arteries, and veins.

Divide into four groups and complete the guidelines for your group:

Group #1 - The Heart

Supplies: red or white poster board, markers, scissors, simple diagram of heart, a list of circulatory structures

-Students will work together to draw and cut out a 4 chamber heart and label basic anatomy.

-Students will post the heart on the wall with room for vessels to be attached.

-Students will demonstrate to the class how blood enters the left atrium, goes to the right ventricle and out to the lungs. It then returns to the left atrium, goes to the left ventricle and goes out to the body.

Group #2 - The Arteries

Supplies: bright red bulletin board paper or construction paper, markers, a simple diagram of the aorta leaving the heart, research materials about the qualities of the arteries

-Students will make a branching model of the arteries using red paper.

-Students will post the arteries on the wall, connecting them with the heart.

-Students will explain how blood moves from the left ventricle of the heart into the aorta, then out into smaller arteries going to all body tissues.

Group #3 - The Veins

Supplies: blue or purple bulletin board paper or construction paper, markers, a simple diagram of the veins of the body, basic facts about veins

-Students will make a model of the veins using blue or purple paper.

-Students will post the veins on the wall, connecting them to arteries and back to the heart.

-Group members explain how blood moves from the arteries into the veins and back to the heart.

Group #4 - The Blood

Supplies: red, white, and tan paper, scissors, markers, information about blood cells

-Students will each make 8 RBCs, 4 WBCs, and 4 platelets.

-Students will write a fact on each cell and tape them within the heart, arteries, and veins in the mural.

-Students will explain the function of each cell.