Medical Terminology: The HUMAN Cardiovascular System

Due Monday, February 28, 2022

Major Grade

Directions:

You and your group will create a LIFESIZE model of the human Cardiovascular System and the Heart to locate and describe the different parts of the heart and flow of blood in/through the heart and throughout the body. You can use paper and pens/markers/craola/pencils to illustrate your circulatory system.

Step One: Create/Draw and label each part of the heart.

1. Right atrium
2. Right ventricle
3. Left atrium
4. Left ventricle
5. Tricuspid valve
6. Pulmonary valve
7. Aorta
8. Superior Vena Cava
9. Mitral Valve
10. Aortic Valve
11. Inferior Vena Cava

Step Two: Create/draw and label the major blood vessels of the body. (See illustrations for examples)

1. Right and left pulmonary veins
2. Right and left pulmonary arteries
3. Carotid artery
4. Subclavian artery
5. Brachial artery
6. Renal vein and artery
7. Femoral artery and vein
8. Popliteal artery and vein
9. Common iliac artery and vein
10. Basilic vein

Step three: Color your illustrations and draw arrows that show blood flow of oxygenated (O2) and de-oxygenated (CO2) blood through the blood vessels, heart valves, and different parts of the heart and to the body/lungs and back to the heart.

Note: Oxygenated blood should be red.

 De-oxygenated blood should be blue.





Illustrations from: [Illustrations of the Blood Vessels (clevelandclinic.org)](https://my.clevelandclinic.org/health/articles/17061-blood-vessels-illustrations)