

# **The Circulatory System**

## **OBJECTIVES:**

1. List the functions of the Human circulatory system.
2. Trace a drop of blood through the heart from the right atrium to the aorta.
3. Locate and label the parts of a heart on a diagram.
4. Compare the blood on the right side of the heart with that on the left side.
5. Describe the components of blood. ( red blood cells, white b.c., platelets and plasma )
6. Identify and describe the function of the different types of circulation: pulmonary and systemic circuits.
7. Explain how the heart beats.
8. Explain what is meant by blood pressure.
9. Explain how blood is produced in the body. Describe the role of the spleen and marrow.
10. Discuss diseases of the heart ( hypertension and atherosclerosis )

## **Vocabulary to be included in the newsletter**

Aorta, Artery Arteriole, Capillary, Venule, Vein, Vena Cava, Atrium, Valve, Ventricle, Circulatory System, Pulmonary Circulation, Systemic Circulation, Coronary Circulation, Red Blood Cells, Hemoglobin, Rh Factor, White Blood Cells, Platelets, Plasma, Diastole, Systole, Sphygmomanometer, Pacemaker, Blood Transfusion, Lymph, Deoxygenated Blood