

The Circulatory System

- organ system made up of three parts:
 - blood
 - heart
 - blood vessels
- function of the circulatory system is to move _____ nutrients and gases _____ to all of the cells of the body and to _____ carry wastes through the bloodstream _____

Blood

- Blood circulates throughout the entire body and is made up of 4 components:
 - _____ Red blood cells _____ - contain hemoglobin that allows oxygen transport throughout the body
 - _____ White blood cells _____ - infection fighting cells
 - _____ Platelets _____ - help in blood clotting
 - _____ Plasma _____ - protein rich liquid that carries blood cells

Heart

- The heart is made up of:
 - Cardiac Muscle Tissue
 - Nerve Tissue
 - Connective Tissue
- Pumps at a regular beat, the speed of which depends on:
 - Physical Activity
 - Stress
 - Temperature
 - General Health

