

FIFTH GRADE SCIENCE EOG STUDY GUIDE

HUMAN BODY SYSTEMS

Circulatory/Cardiovascular System:

Function: Transports (moves) nutrients and oxygen to cells throughout your body. Also, transports carbon dioxide to your lungs to breathe out.

Parts/Organs:

1. Heart - Strong muscle that involuntarily pumps blood and connects to the lungs to get oxygen.
2. Blood - carries oxygen and nutrients to body's cells.
3. Veins - carry blood TO your heart
4. Arteries - carry blood AWAY from your heart

Interacts (works with):

1. Respiratory system - gets oxygen and then transports to body's cells
2. Nervous System - tells the heart muscles to pump
3. Skeletal System - produces red blood cells used by the circulatory system to transport to body's cells

Respiratory System:

Function: To BREATHE! Supplies oxygen to cells and gets rid of waste (carbon dioxide)

Parts/Organs:

1. Mouth
2. Nose
3. Trachea - Tube from mouth and nose to the lungs
4. Lungs

Interacts (works with):

1. Circulatory System - move oxygen through bloodstream to cells and takes carbon dioxide back to the lungs to breathe out

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Lingjun Ying



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