THE HUMAN BODY SYSTEMS

System	Function	Diagram	Major Organs	Interactions- Working with Other Systems
Digestive	To Digest food to provide to the muscles, to remove waste, and to grow.		Mouth, esophagus, stomach, Sm. Intestine, Lg. intestine, rectum, anus Salivary glands, pancreas, liver, gall bladder	w/circulatory - absorb & deliver the digested nutrients to the cells w/muscular - control the contractions of many of the digestive organs to pass food along w/nervous - hypothalamus maintains homeostasis by triggering appetite (stomach growling), digest.
Circulatory	To bring oxygen to places in the human body that need it for as long as the heart pumps, letting the oxygen be refilled in the red blood cells.	1	Heart, Arteries, Viens, Red blood Cells, and Capillaries.	1. w/respiratory - deliver O ₂ from lungs to cells and drop off CO ₂ from cells to lungs 2. w/digestive - absorb and deliver digested nutrients to cells 3. w/excertory - kidneys filter cellular waste out of blood for removal 4. w/lymphatic - both transport things to and from cells 5. w/immune - transports WBCs throughout body to fight disease 6. w/nervous - brain controls heartbeat 7. w/endocrine - trans. hormones
Nervous	To sends signals through the whole body to control other body systems.	3	Brain, Spinal Cord, and Nerve Cells.	Controls all other systems Hypothalamus - maintains homeostasis by working with all systems

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