

Human Body Systems Cheat Sheet

System	Function	Parts	Key Words/Facts
Cardiovascular	<ul style="list-style-type: none"> ➤ transports nutrients, gases and wastes to and from cells 	heart blood red blood cells – carry oxygen blood vessels: arteries – oxygen rich veins – oxygen poor capillaries – where exchange takes place	transport, deliver, carries blood carries nutrients, oxygen to cells and takes wastes away from cells
Respiratory	<ul style="list-style-type: none"> ➤ takes in oxygen and removes carbon dioxide ➤ releases energy from food for cells to use 	lungs, nose, trachea, bronchi alveoli – where gas exchange takes place	release of energy oxygen intake
Digestive	<ul style="list-style-type: none"> ➤ breakdown of food into useable nutrients ➤ absorption of nutrients takes place in the small intestine/villi ➤ absorption of water takes place in the large intestine 	mouth, esophagus, stomach, small intestine, villi , large intestine, rectum, anus villi- where exchange of nutrients takes place	exchange of nutrients takes place in villi, which are located in the small intestine.
Urinary (Excretory)	removes wastes from body	kidneys, nephrons, ureters, bladder, urethra	filters waste from blood eliminates waste
Muscular	moves the body	skeletal, smooth, cardiac voluntary vs. involuntary	movement muscles move the body both externally and internally know difference between voluntary and involuntary
Skeletal	protection storage movement blood cell production	bones, cartilage and connective tissue are all living organs that make up the skeletal system joints – held together by ligaments	red blood cells made in bone marrow
Immune	helps keep body safe from diseases	no true organs white blood cells fight pathogens	fight disease , pathogens
Nervous	<ul style="list-style-type: none"> ➤ gathers and interprets info and responds ➤ controls almost everything you do 	CNS – brain and spinal cord PNS – neurons/nerve cells	control signals

