

Body Systems

Body Systems	Major Structures	Functions	How System Works With Other Systems
Cardiovascular (circulatory)	heart, blood vessels (veins & arteries), blood	to transport nutrients, wastes, hormones, and gases	
Digestive	mouth, stomach, liver, intestines	to absorb nutrients from food; remove wastes; maintain water & chemical balances	
Endocrine	hypothalamus, pituitary gland, testis, ovaries (and other glands)	to regulate body temp, metabolism, development & reproduction; homeostasis	
Urinary (Excretory)	kidneys, bladder	to remove wastes from blood; regulate body fluids	
Immune	white blood cells, lymph nodes, skin	to defend against pathogens and disease	
Integumentary	skin, nails, hair	to protect against injury, infection, and fluid loss; regulate body temp.	
Muscular	Muscle tissues, tendon	to move limbs and trunk; to move substances through the body; provide structure and support	
Nervous	brain, spinal cord, nerves	to regulate behavior; maintain homeostasis; regulate other organ systems; control senses & movement	
Respiratory	nose, mouth, lungs	to move air into and out of lungs; control gas exchange between blood & lungs	
Skeletal	bones	to protect and support the body and organs	