

cells

The building blocks
of a living thing.

tissues

A group of cells that
do the same job

organs

A group of tissues
that work together to
do a particular job

systems

A set of organs that
do one of the body 's
main jobs

body

The whole
organism

epithelial

The tissue that covers all
body surfaces inside and out
(examples: skin, mucous
membranes)

muscle

The tissue that stretches to provide movement

skeletal muscle

Muscles attached to bones that provide voluntary movement

smooth muscle

Muscle found in the digestive system and blood vessels that provide involuntary movement

cardiac muscle

Muscle that contracts and relaxes to make the heart pump blood

voluntary

Movements controlled by the brain with a person's awareness

involuntary

Movements controlled automatically by body tissue without a person's awareness

connective

The tissue that binds structures together to provide support and protection (examples: bones, tendons, ligaments, and cartilage)

nervous

The tissue that receives and transmits impulses (found in brain, spinal cord, and nerves)

Cardiovascular

The system that transports fuel to body, carries away waste, sends cells to fight disease, and transports hormones

Respiratory

The system that obtains oxygen and releases carbon dioxide, provides air for speech, and gives sense of smell

Skeletal

The system that provides a framework for support, protection, and storage and which manufactures blood cells.

Muscular

The system that provides both voluntary movement of the skeleton and involuntary movement of organs

Digestive

The system that breaks down foods into useful fuel for the body and eliminates waste.

Excretory

The system which filters out impurities in blood and removes excess liquid.

Endocrine

The system which produces chemical messengers called hormones which regulate growth, reproduction, and the flight-or-fight response.

Nervous

The system which controls and coordinates all body parts so they work together as one flowing unit.

Reproductive

The system which brings together gametes for fertilization creating a unique individual which develops in the female 's body.

Cell Organization

Cells Tissues
Organs Systems
 Body