

Body Systems Overview

5th Grade

Six systems, what each does, and the organs that belong to it.

Circulatory

Moves blood, oxygen and nutrients around the body.

heart · blood · arteries · veins

Respiratory

Takes in oxygen and gets rid of carbon dioxide.

lungs · trachea · diaphragm

Digestive

Breaks food down so the body can absorb it.

mouth · stomach · intestines · liver

Skeletal

Supports and protects, and makes blood cells.

206 bones · joints · cartilage

Muscular

Moves the skeleton and keeps the heart beating.

skeletal · smooth · cardiac muscle

Nervous

Senses, decides and sends signals — fast.

brain · spinal cord · nerves

THEY WORK TOGETHER

You breathe in oxygen (respiratory), blood carries it (circulatory) to muscles (muscular) that move bones (skeletal) — all directed by the nervous system.