

# Respiratory System

Respiratory System - gets oxygen into the body and gets rid of the carbon dioxide

Nostrils or Mouth - air enters the respiratory through these

Nasal Passage - after entering the air travels here next

Trachea - after nasal passage, air passes through this to the lungs. (windpipe)

Bronchi - two large tubes that branch off the trachea into the lungs

Lungs - pair of organs in respiratory system where carbon dioxide and oxygen are exchanged.

alveoli - tiny air sacs, surrounded by blood vessels.

↳ oxygen passes through membrane into the blood vessel

Diaphragm - just below your rib cage  
↳ moves up and down causing you to inhale and exhale

# Circulatory System

Circulatory System - transports needed substances throughout your body, and carries waste away.

Blood - a tissue made up of cells and cell parts that are carried in a liquid.

Red Blood Cells - specialized to carry oxygen and carbon dioxide.

White blood cells - help you fight disease

Platelets - cell pieces that help your blood clot when you have an injury

Plasma - a pale yellow liquid, dissolved food and proteins are carried by this

Heart - fist-sized organ, pumps blood through-out body

Arteries - large blood vessels that blood travels through from the heart

Capillaries - tiny blood vessels, pass nutrients to cells

Veins - blood vessels that travel back to the heart