

Key word	Definition
alveolus	A structure inside the lungs where gas exchange takes place with the blood.
antagonistic muscles	A pair of muscles that work together to control movement at a joint – as one muscle contracts, the other relaxes.
bone	A tissue that forms a hard structure, used to protect organs and for movement.
cartilage	The strong, smooth tissue that covers the end of bones to prevent them rubbing together.
condense	The change of state from gas to liquid.
diaphragm (breathing)	The sheet of muscle used in breathing.
exhale	Breathing out, to remove carbon dioxide.
gas exchange	The transfer of gases between an organism and its environment.
inhale	Breathing in, to take in oxygen.
joint	A part of the skeleton where two bones join together.
ligament	Joins two bones together.
lungs	The organ in which gas exchange takes place.
multicellular organism	An organism made up of many cells
newton	The unit of force, symbol N.
organ	A group of tissues working together to perform a function.
organ system	A group of organs working together to perform a function.
respiration	A chemical reaction where food and oxygen are converted into energy, water, and carbon dioxide.
respiratory system	The organs involved in gas exchange.
ribcage	The bones that protect the lungs.
skeleton	All the bones in an organism.
tendon	Joins a muscle to a bone.
tissue	A group of similar cells working together to perform a function.