Science Vocabulary

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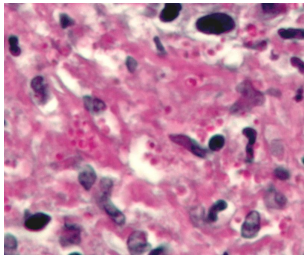
Tissue

definition-A group of similar cells that perform a specific job.

Picture- 

Example-Muscle tissue

sentence- Nervous tissue send signals throughout the body.

ORGAN

definition-a structure of a plant or animal that is made up of different tissues working together to perform a specific function.

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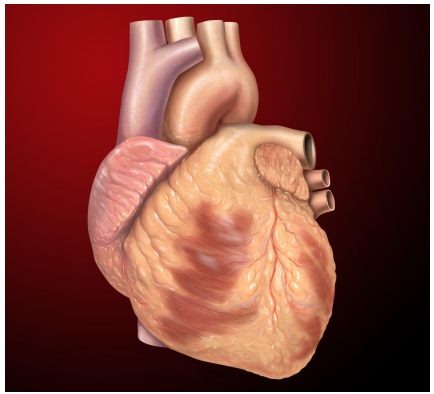

Example-heart

Sentence-The skin is the biggest organ on the body.

ORGAN SYSTEM

definition-a group of organs that together perform a function that helps the body meet it's needs for energy and materials.

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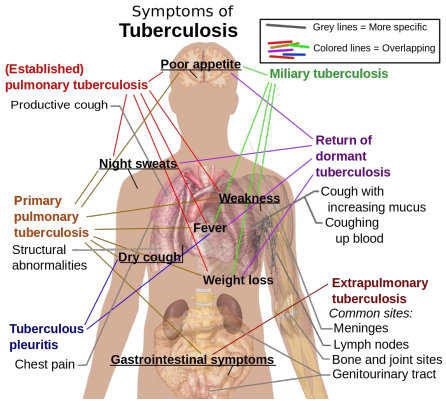
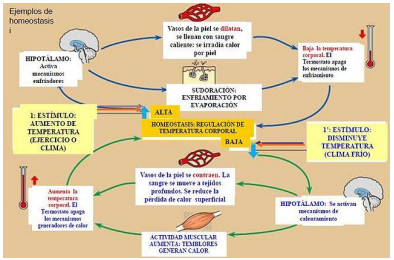


example-cardiovascular system

sentence-The digestive system helps break down waste.

Homeostasis

definition-a condition needed for health and functioning in which an organism or cell maintains a relatively stable internal environment.

picture- 

example-food

sentence- Food is needed for the health of a living thing.

Muscular system

definition-The muscles of the body that, together with the skeletal system, function to produce movement.

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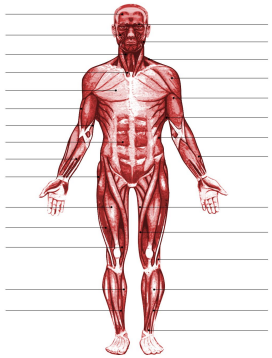

example-biceps

sentence-The muscular system works with the skeletal system to help the body move.

SKELETAL SYSTEM

definition-The framework of bones that supports the body, protects internal organs, and anchors all the body's movement.

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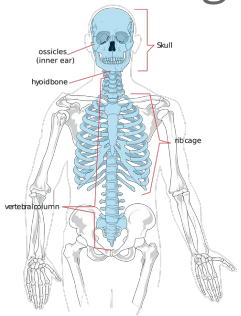

example-Pelvis, skull, humerus, femur, etc.

sentence-The skeletal system gives our bodies support.

RESPIRATORY SYSTEM

definition- A system that interacts with the environment and other body systems to bring oxygen to the body and remove carbon dioxide.

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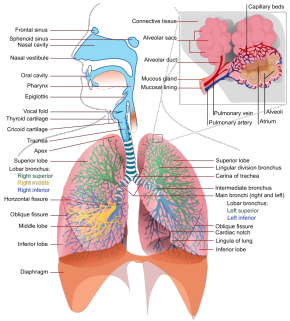

example-exchange carbon dioxide for oxygen

sentence-the respiratory system helps us breathe.

CELLULAR RESPIRATION

definition-A process in which cells use oxygen to release energy stored in sugars.

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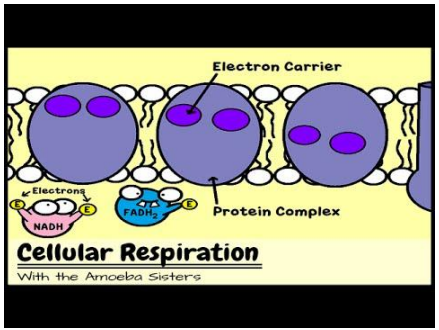

example-energy

sentence-Cells use cellular respiration to release energy.

NUTRIENT

definition-A substance that an organism needs to live. Examples include water, minerals, and materials that come from the breakdown of food particles.

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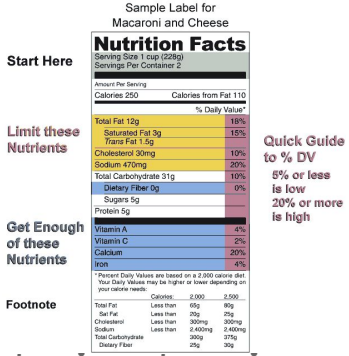

example-food=nutrients

sentence-Our body needs nutrients in order to function.

DIGESTIVE SYSTEM

definition-The structures in the body that work together to transform the energy and materials in food into forms the body can use.

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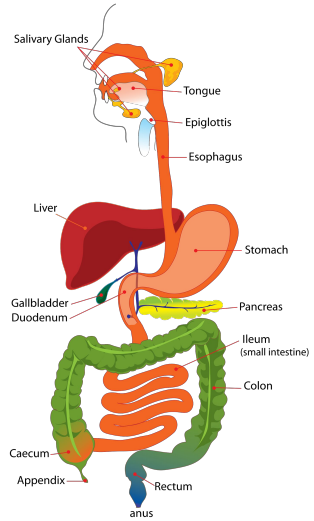

example-food settles in your stomach

sentence-When we eat food, we digest it through our digestive system.

URINARY SYSTEM

definition-A group of organs that filter waste from an organism’s blood and excrete it in a liquid called urine.

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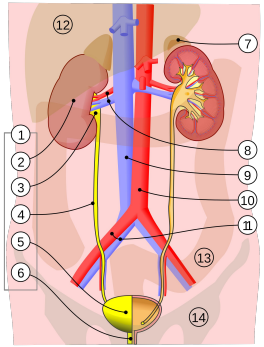

example-using the bathroom

sentence-The urinary system eliminates waste.

CIRCULATORY SYSTEM

definition-The group of organs, consisting of the heart, and blood vessels that circulates blood through the body.

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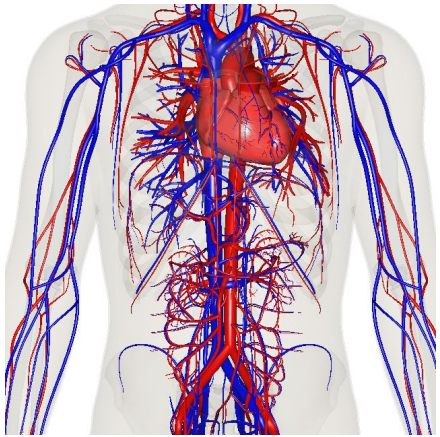

example-blood flow

sentence-The circulatory system controls blood flow.

BLOOD

definition-A fluid in the body that delivers oxygen and other materials to cells to remove carbon dioxide and other wastes.

picture-

example-red blood cells

sentence-Blood circulates throughout the body.

Red blood cell

definition-A type of blood cells that picks up oxygen in the lungs and delivers it to cells throughout the body.

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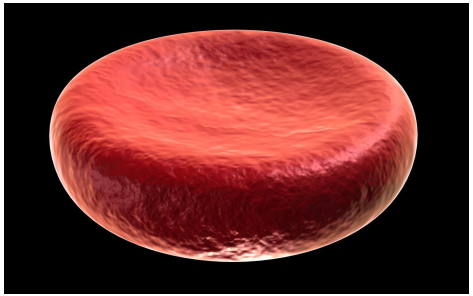

example-gather oxygen

sentence-There are red blood cells and white blood cells.

PATHOGEN

definition-An agent that causes disease.

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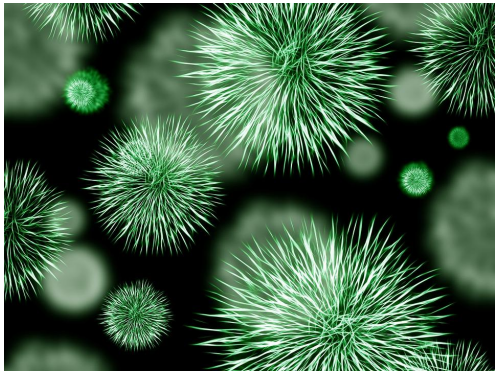

example-germs

sentence- Pathogens cause sickness and disease in the body.

IMMUNE SYSTEM

definition-A group of organs that provides protection against disease causing agents.

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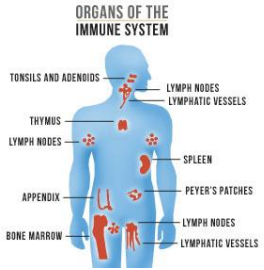

example- white blood cells

sentence-Our immune system protects us from harmful diseases.

IMMUNITY

definition-Resistance to a disease. Immunity can result from antibodies formed in the body during a previous attack of the same illness.

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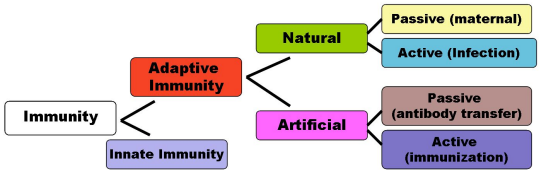

example-colds

sentence- Immunity strengthens the more times you get a sickness.

VACCINE

definition-A small amount of a weakened pathogen that is introduced into the body to stimulate the production of antibodies.

picture-

example-Flu shot

sentence- Vaccines can cure a lot of people from sickness.

ANTIBIOTIC

definition-A protein produced by some white blood cells to attack specific foreign materials.

picture-

example-virus need antibiotics

sentence-When I am sick, sometimes the doctors give me antibiotics.

LYMPHATIC SYSTEM

definition-A part of the circulatory system, and a vital part of the immune system, comprising a network of lymphatic vessels, that carry clear fluid to the heart.

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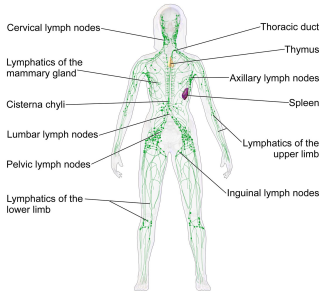

example-brings fluid to the heart

sentence-The lymphatic system is very vital to our health.

STIMULUS

definition-Something that causes a response in an organism or a part of the body.

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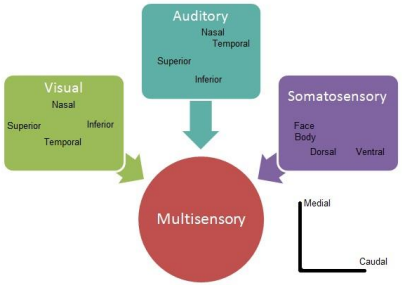

sentence-The stimulus causes responses in the body.

CENTRAL NERVOUS SYSTEM

definition-The brain and spinal cord. The central nervous system communicates with the rest of the nervous system with electrical signals sent to and from neutrons.

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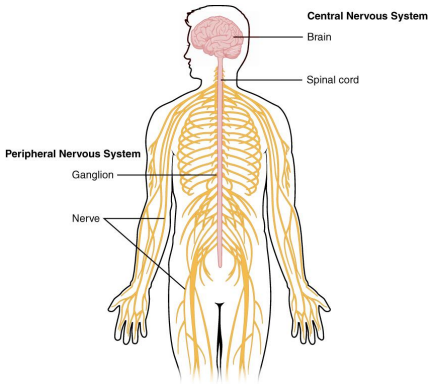

example-communication

sentence-The central nervous system sends electrical signals.

NEURON

definition-A nerve cell.

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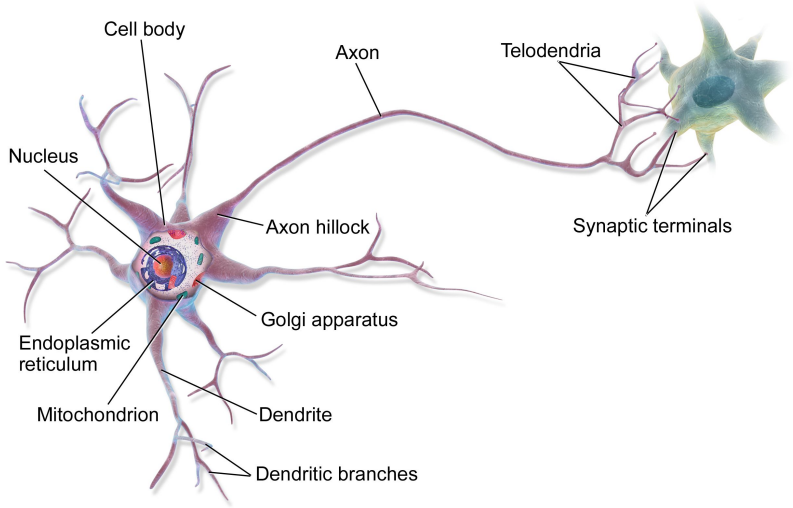

Example-Brain

Sentence-Neurons send signals throughout the body.

LUNGS

definition-A pair of organs within the rib cage, has elastic sacs in which air is is drawn and oxygen and carbon dioxide are exchanged.

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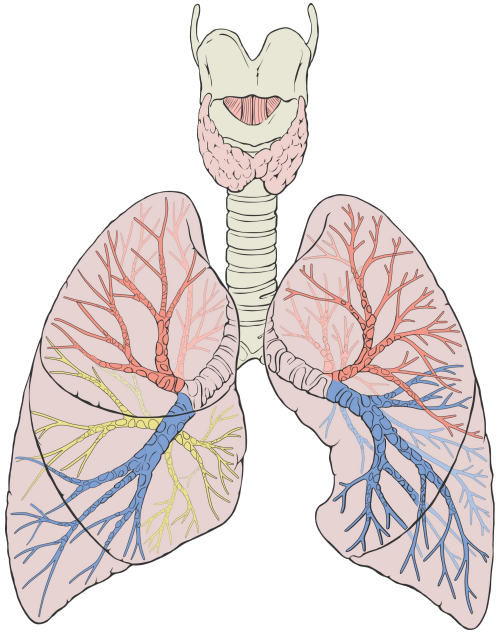

example-Breathing

sentence-Our lungs help us breathe.

FUNCTION

definition- a job

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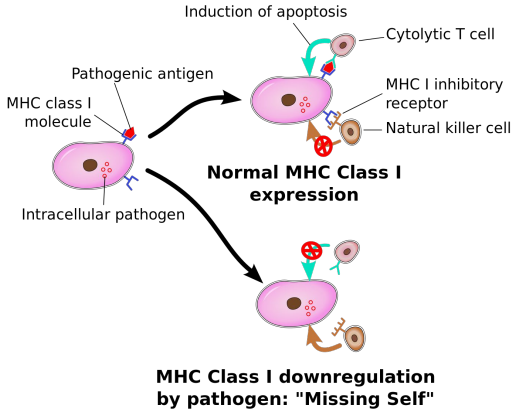

example-The heart's function is to pump blood.

sentence- Each organ has its own function.

ENDOCRINE SYSTEM

definition-A group of organs called glands and the hormones they produce that help regulate conditions inside the body.

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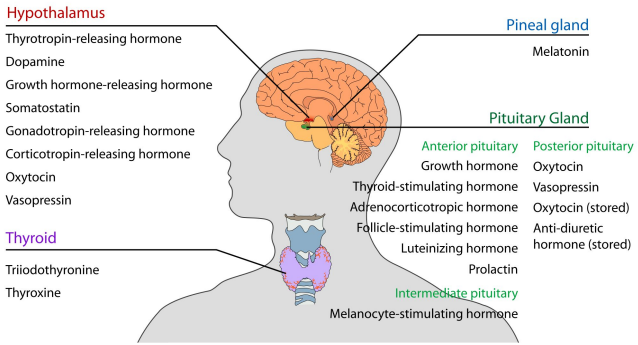


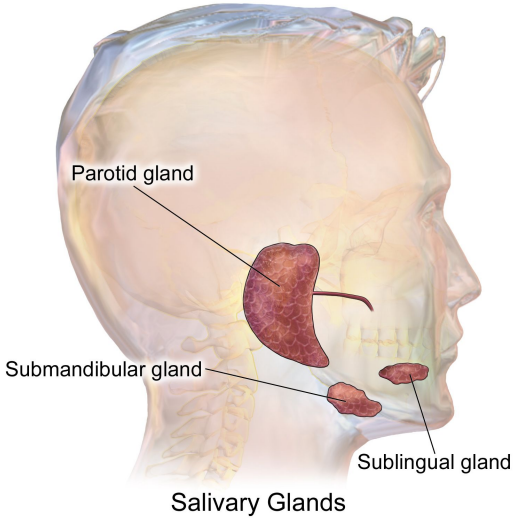
example-body temperature

sentence-The glands produce hormones.

GLAND

definition-An organ in the body that produces a specific substance such as a hormone.

picture-



Salivary Glands

example-salivary gland

sentence-Hormones are produced from glands.

LEVELS OF ORGANIZATION

definition-Cells> tissue>organs>organ systems> organisms

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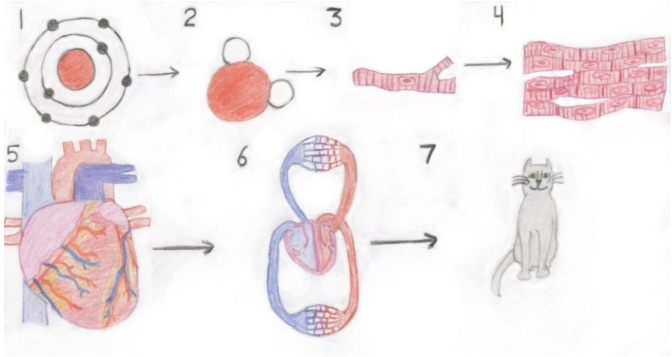

example-cells to tissue

sentence-The levels of organization are like a pyramid.