

Cells and the Human Body Vocabulary

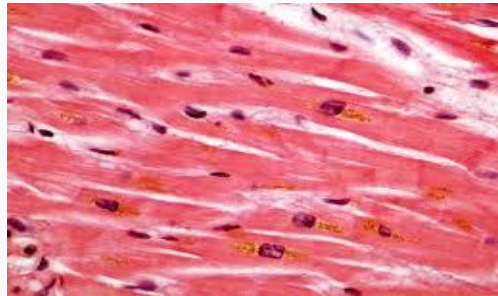
By: Haylei Reynolds



Tissue

Definition: A group of similar cells that are organized to do a specific job.

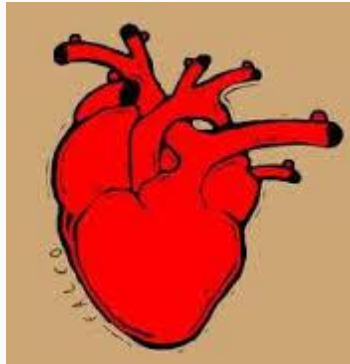
Sentence: Skin **tissue** make up an organ which is skin



Organ

Definition: A structure in a plant or animal that is made up of different tissues working together to perform a particular function.

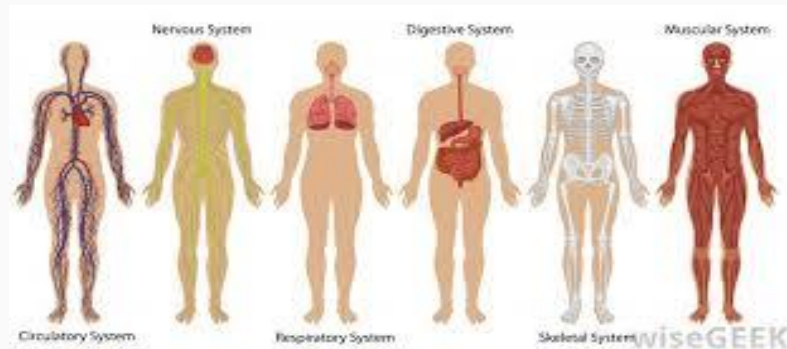
Sentence: The heart is an **organ**



Organ System

Definition: A group of organs that together perform a function that helps the body meet its needs for energy and materials.

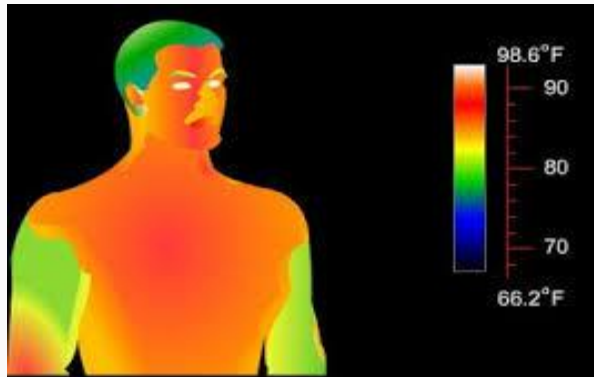
Sentence: An example of an **organ system** is the skeletal system.



Homeostasis

Definition: A condition needed for health and functioning in which an organism or cell maintains a relatively stable internal environment.

Sentence: Humans internal body temperature is an example of **homeostasis**.



Muscular System

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

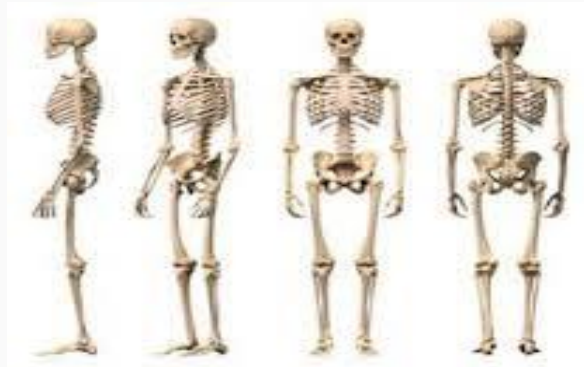
Sentence: The **muscular system** allows the body to move while working with the skeletal system



Skeletal System

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

Sentence: Ligaments holds the skeletal system together.



Respiratory System

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

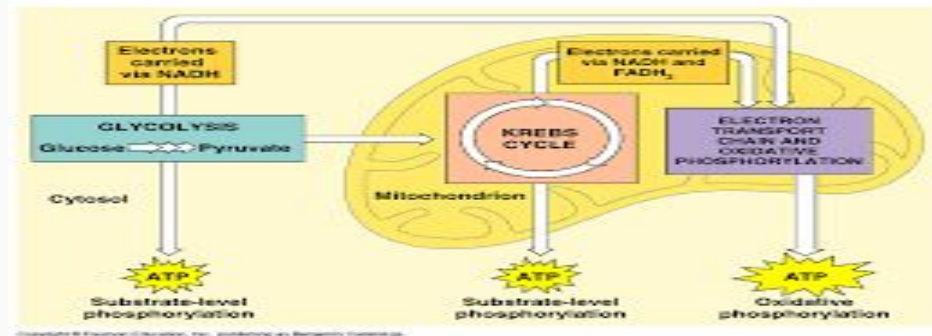
Sentence: The primary organs of the **respiratory system** are the lungs.



Cellular Respiration

Definition: A process in which cells use oxygen to release energy stored in sugars.

Sentence: **Cellular respiration** take food and turn them into energy for cells with a chemical called ATP.



Nutrient

Definition: A substance that an organism needs to live.

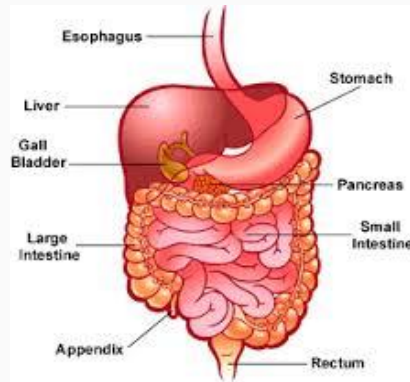
Sentence: An example of a **nutrient** is water.



Digestive system

Definition: The structure in the body that works together to transform the energy and materials in food into forms the body can use.

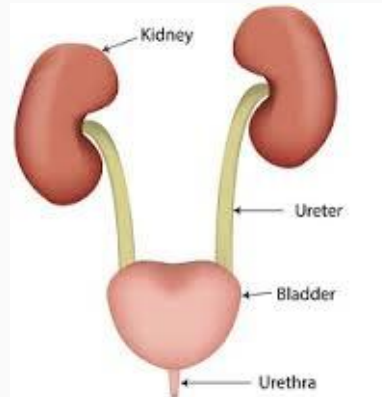
Sentence: The **digestive system** includes the stomach and the small and large intestines.



Urinary System

Definition: A group of organs that filter waste from an organism's blood and excrete it in a liquid called urine.

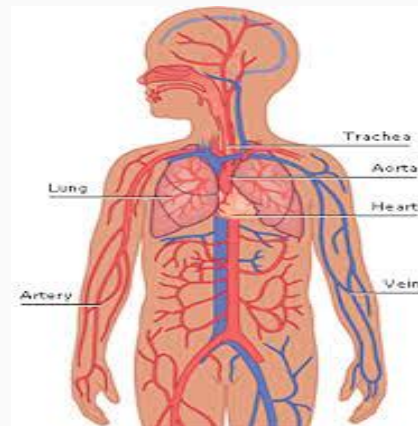
Sentence: The **urinary system** includes the kidneys which consists of millions of functional units called nephrons.



Circulatory System

Definition: The group of organs, that circulates blood through the body.

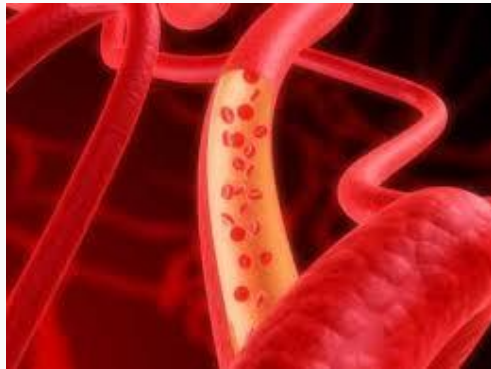
Sentence: The **circulatory system** consist of the heart and blood vessels.



Blood

Definition: A fluid in the body that delivers oxygen and other materials to cells and removes carbon dioxide and other wastes.

Sentence: **Blood** consist of blood cells, white blood cells and red cells,



Red Blood Cell

Definition: A type of blood cell that picks up oxygen in the lungs and delivers it to cells throughout the body.

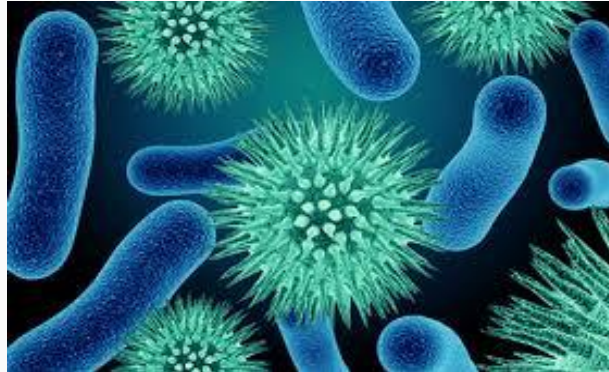
Sentence: There are more **red blood cells** than white blood cells.



Pathogen

Definition: An agent that causes disease.

Sentence: Some examples of some **pathogen** are bacteria, viruses and fungus.



Immune System

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

Sentence: Different foods can boost your **immune system** like broccoli, garlic, almonds and yogurt.



Immunity

Definition: Resistance to a disease

Sentence: **Immunity** can result from antibodies formed in the body during a previous attack of the same illness.



Vaccine

Definition: A small amount of weakened pathogen that is introduced into the body to stimulate the production of antibodies.

Sentence: People can get the flu **vaccine** to prevent themselves from the likelihood of getting the flu.



Antibiotic

Definition: A medicine that can block the growth and reproduction of bacteria.

Sentence: **Antibiotics** can be in cream form for minor cuts and burns.



Lymphatic System

Definition: apart of the circulatory system and a vital part of the immune system comprising a network of lymphatic vessels that carry a clear fluid called lymph directionally towards the heart.

Sentence: In **Lymphatic system** the word lymphatic means water.



Stimulus

Definition: Something that causes a reaction in an organ or cell.

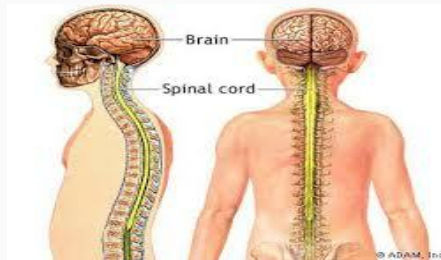
Sentence: If you smoke it can cause your lungs to become weak and bad which can lead to lung cancer, this is an example of a **stimulus** with the stimulus being smoking.



Central Nervous System

Definition: The brain and spinal cord. The central nervous system communicates with the rest of the nervous system through electrical signals sent to and from neurons.

Sentence: The diseases that affect the central nervous system are neurological disorders, like Alzheimer's disease and Parkinson's disease.



Neuron

Definition: A nerve cell

Sentence: A **neuron** can be found in the retina of the eye.



Lungs

Definition: A pair of organs within the rib cage that allow oxygen to be passed within the blood and carbon dioxide to be removed.

Sentence: The **lungs** are protected by the rib cage.



Function

Definition: A type of procedure, job or routine.

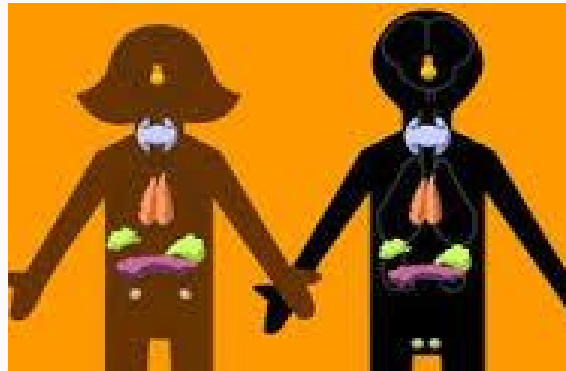
Sentence: The **function** of the skeletal system is to support and shape the body, also to allow your body to move.



Endocrine System

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

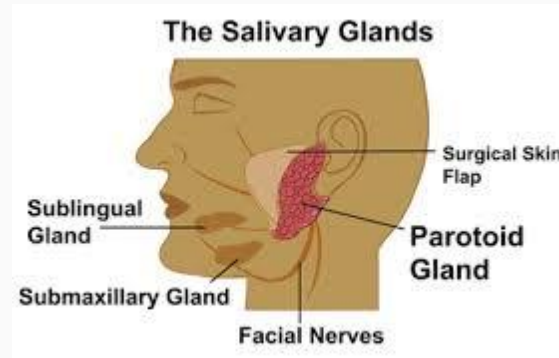
Sentence: The endocrine system can regulate growth and development and sleep and mood.



Gland

Definition: An organ in the body that produces a specific substance, such as a hormone.

Sentence: Glands secrete particular chemical substances for use in the body or for discharge into the surroundings.



Levels of Organization

Definition: The biological levels of organization of living things arranged from the simplest to most complex form.

Sentence: The levels of organization from smallest to largest for living things are, cells, tissues, organs, organ systems, and last but not least organisms.

