

YOUR AMAZING BODY



BODY SYSTEMS



SYSTEMS OF THE BODY

The human body, like the bodies of all animals, is made up of **systems**.

Each system is made up of **organs**. The organs are made up of **tissues**, and the tissues are made up of **cells**.

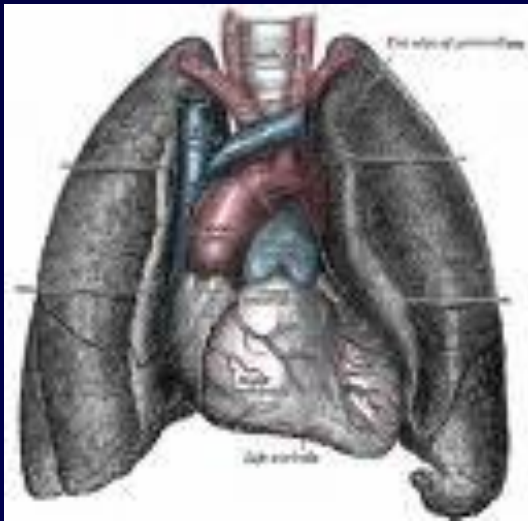


SIX IMPORTANT BODY SYSTEMS

- **The Circulatory System**
- **The Digestive System**
- **The Muscular System**
- **The Nervous System**
- **The Respiratory System**
- **The Skeletal System**



The Circulatory System

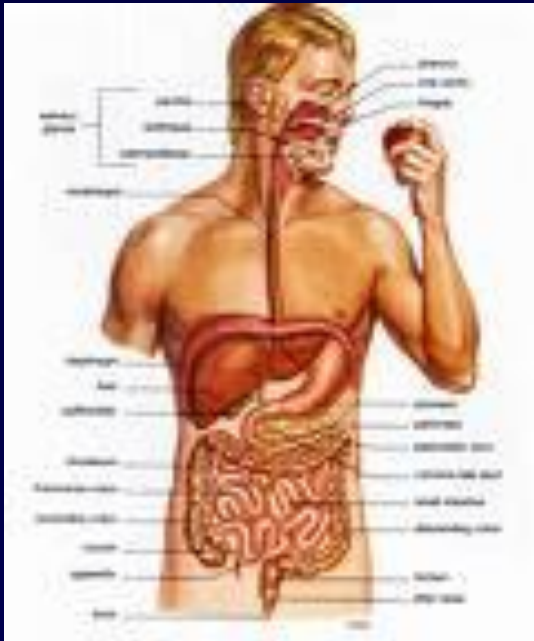


The work of the **circulatory system** is to circulate blood throughout the body.

Some organs in the circulatory system are the **heart** and the **lungs**.



The Digestive System

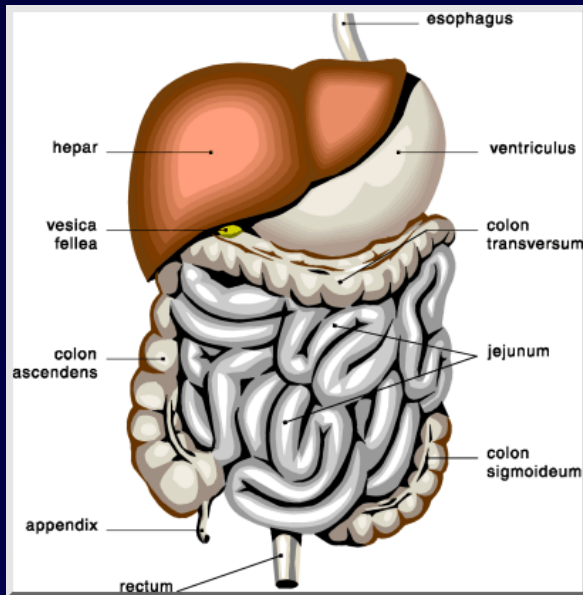


The human **digestive system** is a series of organs and **glands** that processes food.

In order to use the food you eat, your body has to break the food down into smaller **molecules** that it can process; it also has to get rid of **waste**.



The Digestive System



Some important organs in the digestive system are the **stomach**, the **liver**, the **colon**, and the **appendix**.



The Muscular System

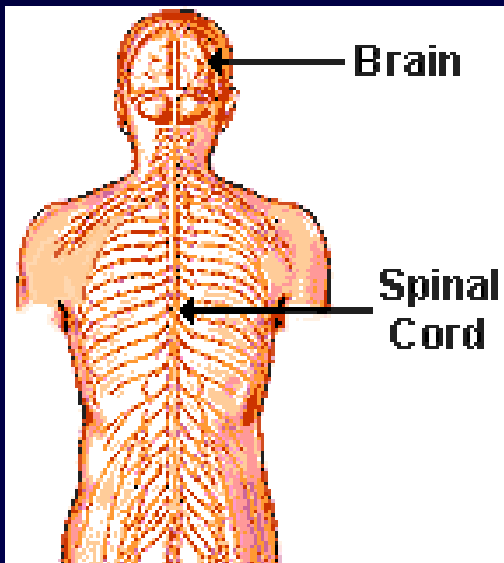


The work of the **muscular system** is to help both the inside and outside parts of your body move smoothly.

Did you know there are over 650 muscles in the human body?



The Nervous System



The work of the **nervous system** is to be the boss of the rest of the body! Your brain tells each of the other systems what to do.

Your thinking and emotions take place in the brain, as well.



The Nervous System

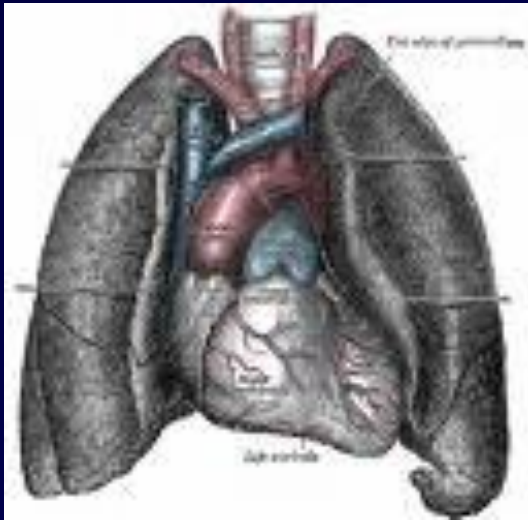
Some important parts of the nervous system are the **brain** and **spinal cord**.

Five parts of your brain are:

- cerebrum (**say: suh-ree-brum**)
- cerebellum (**say: sair-uh-beh-lum**)
- brain stem
- pituitary gland (**say: puh-too-uh-ter-ee gland**)
- hypothalamus (**say: hi-po-tha-luh-muss**)



The Respiratory System



Breathing air is necessary for keeping humans alive. The work of the **respiratory system** is to take in fresh air and get rid of stale air.



The Skeletal System



Another one of your body systems is the **skeletal system**. The **skeleton** is the name given to the collection of bones that holds your body upright.



Functions of the Skeleton

Bones protect such vital organs as the brain, the heart, and the lungs.

The skeleton allows us to move.

Bones manufacture **blood cells** and store important **minerals**.



The Body Systems

Remember, the human body is made up of **systems**. Each system is made up of **organs**. The organs are made up of **tissues**, and the tissues are made up of **cells**.

When all the systems of the body work together, we enjoy good health.

