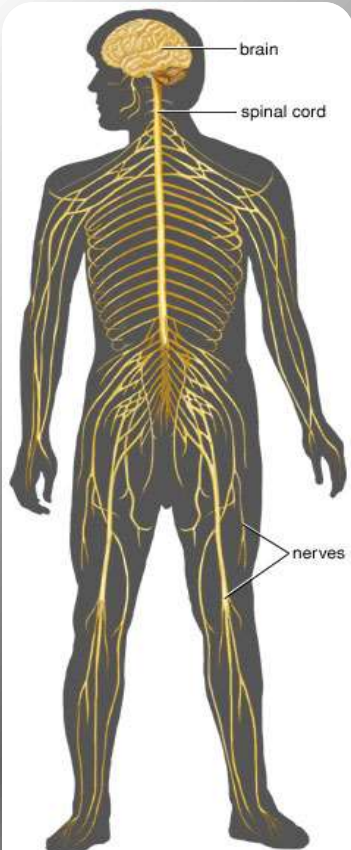


# NERVOUS SYSTEM AND SENSE ORGANS.



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# WHAT ARE NERVES?

- The nerves are made up of neurons or nerve cells. Nerve cells have special threadlike parts called fibers. The nerve fibers are bound together into nerves. Each nerve is a bundle of fibres. there may be thousands of fibers in a single nerve. There are like



# KINDS OF NERVES

- The nerves are directly connected to the brain or the spinal cord. There are three main nerve they are:
- **SENSORY NERVES:** the nerves which are connected to the sense organs and bring messages from the sense organs to the brain or the spinal cord called sensory nerves. The brain can see,hear,smell,taste and touch.

# **KINDS OF NERVES [ CONTINUE ]**

**MOTOR NERVES:** these nerves carry order from the brain or the spinal cord to the muscles and glands. These messages result in the movement of muscles or secretion by glands.

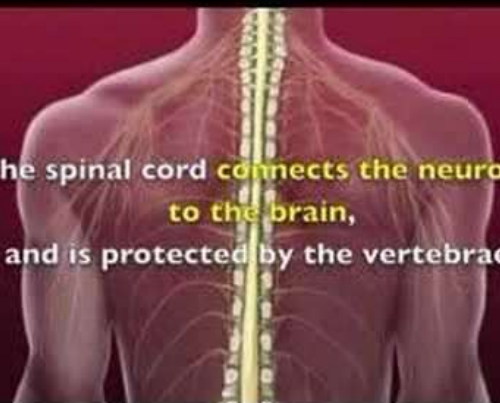
**MIXED NERVES:** these nerves do both functions they carry messages to the brain as well as carry orders from the brain.

# WHAT IS A BRAIN? HOW IS IT USEFUL TO US?

- The brain is the controller of our body. it controls our heartbeat and breathing and directs every movement. It receives messages from our eyes and ears and makes sense of them . It is responsible for thoughts , feelings and memory.



# AMAZING FACTS



The spinal cord connects the neurons to the brain, and is protected by the vertebrae

## The Nervous System



The human spinal cord, with an average length of 19 inches, consists of around 13,500,000 neurons. All the messages relayed between the brain and other parts of the body go via the spinal cord.



THANK  
YOU!