



FUNDACIÓN DIOCESANA SANTOS MÁRTIRES DE CÓRDOBA

How do we process information?

the peripheral
nervous system

nervous system

the central nervous
system

1. Our five sense organs send information through the

_____.

Our bodies then react to the information.

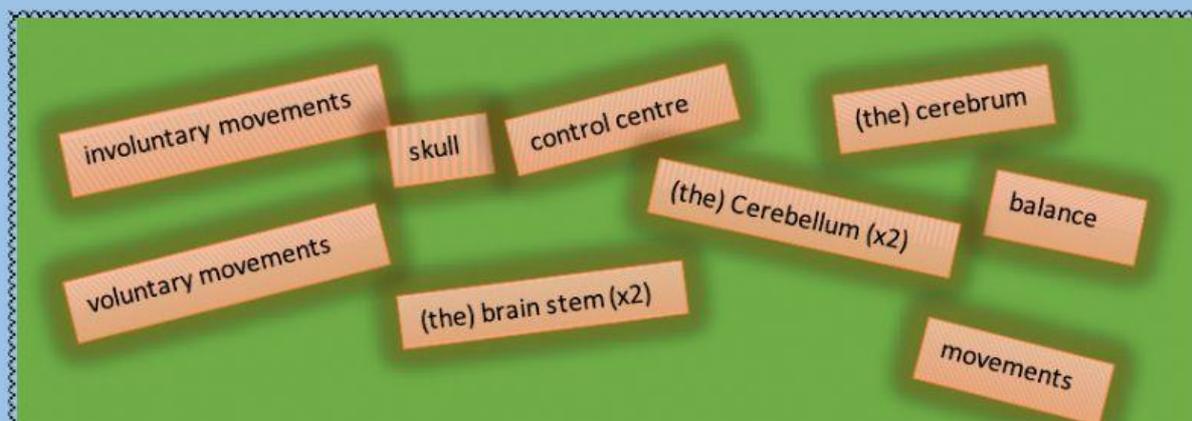
2. The two main parts of our nervous system are

_____ and _____.

NEXT ACTIVITY



The central nervous system



The brain

The brain is the _____ of our body. It has three parts: _____, _____ and _____.

1. The _____ protects the brain.
2. The _____ is the biggest part of our brain. It has two hemispheres, the left and the right hemispheres. The cerebrum controls our _____, such as dancing or kicking a ball. It also controls our thoughts, emotions, language, and behaviour.
3. The _____ controls and coordinates our _____ and _____.
4. The _____ controls our _____, such as breathing and the beating of our heart.

reflex actions

spine

vertebrae

The spinal cord

The spinal cord is connected to the brain stem. It extends down our _____.

1. It controls _____.
2. The _____ are the bones of the spine. They protect and support our spinal cord.

How does the peripheral nervous system work?

respond

motor neurons

sensory neurons

1. Our sense organs receive a message and send information through _____ to our brain.
2. Our brain receives the information and decides how to _____.

3. _____ carry the message from our brain to our body and muscles. Our body reacts after it receives after it receives an instruction from our brain.

Neurons

dendrites

millions

axons

cell body

We have _____ of neurons in our nervous system. A neuron has a _____, and it also has _____ and _____.