

THE PARTS OF THE NERVOUS SYSTEM

The central nervous system (CNS) **controls** most functions of the _____ and _____. It consists of two parts: the _____ and the _____.

1. What are the functions of the NS? Join the statements

Your nervous system

movements, thoughts and automatic responses to the world around you

Originating from your brain it controls your

is your body's command centre

It also controls other body systems and processes such as

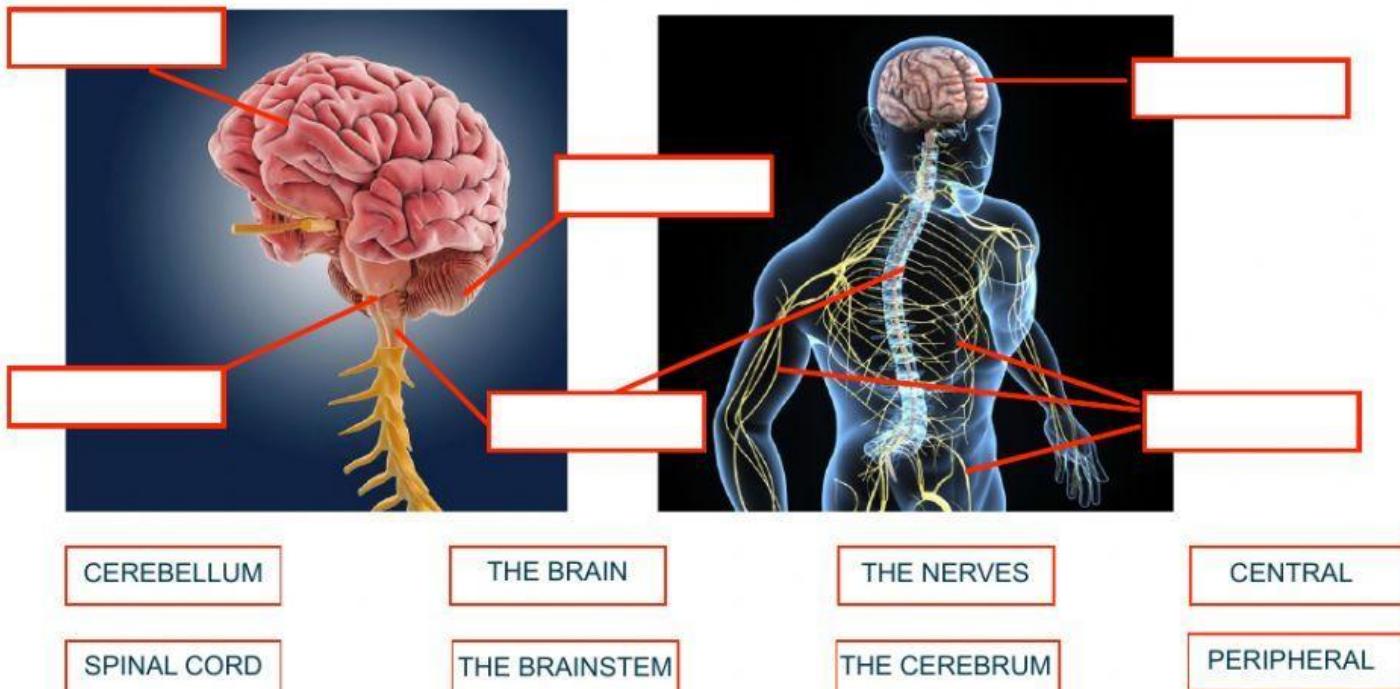
digestion, breathing, feeling or thinking

2. Fill up the blanks:

The nervous system **controls** everything you do, including breathing, walking, thinking and feeling. This system is made up of your _____, spinal. _____, and all the _____ of your body. ...

The _____ carry the _____ to and from the _____, so the _____ can _____ them and _____ action.

3. How do we call these parts? Describe:



The brain and the spinal cord are the _____ nervous system.
The nerves that go through the whole body make up the _____ nervous system.

4. What organs make up the central nervous system (CNS)? Join them with their correct definitions

rounded shape, two symmetrical halves called cerebral hemispheres

has many folds and coordinates our voluntary movements

protected by the spinal column, starts here and extends to all parts of the body

connect the brain and the cerebellum to the spinal cord

connect the CNS to the rest of the organism

5. What are the main 3 functions of nervous system?

sensory _____, information _____ and motor _____.

The world around us continuously stimulates our _____. These _____ come in different varieties such as _____ sounds, _____, taste, and _____ - touch, _____, pressure, vibration, _____ cold etc.

6. Choose the correct answer to the following questions:

What are stimuli?

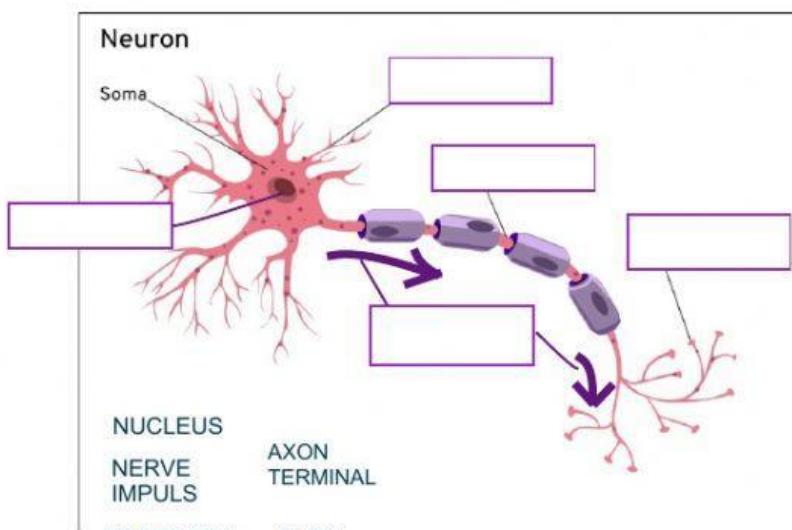
What are nervous system responses?

- They are events or objects that activate the senses
- They are orders that make our bodies respond
- they are structural elements of our bodies' nervous systems.

- They are nerve impulses
- They are reactions of the nervous system to stimuli.
- They are internal responses to stimuli

The part of the central nervous system where voluntary actions originate is called: _____

7. What does a neuron consist of? Describe



NERVE IMPULS is a very _____ electrical current.

8.
The brain is an important part of the body because:

- it controls the body's functions
- sends and receives messages from the nerves
- both are correct
- neither is correct

What part of the body protects the brain?

- ribcage
- spine
- forehead
- skull

Where is the spinal cord located?

- in the spine
- in the brain
- in the nucleus
- in the axon terminal