

# THE NERVOUS SYSTEM • THE MUSCULOSKELETAL SYSTEM



## 1. Choose the correct answer

- 1-The ..... respond to a stimulus and send impulses.
- 2- The ..... carry information from the sense organs and internal organs to the central nervous system.
- 3- The ..... receives and interprets the information and coordinates a response.
- 4- The ..... carry the signals from the central nervous system to the muscles in the musculoskeletal system.
- 5- The ..... carries out a response, that can be voluntary or involuntary.

## 2. Complete:

The nervous system is the ..... of our whole body and it ..... and ..... information from all over the ..... .

The effector organs process a ..... and belong to the ..... .

## 3. True or false. If they are false, correct them:

1. Tendons attach muscles to skin. True/False
2. Muscles work by expanding and contracting. True/False
3. Ligaments are where two or more bones are connected. True/False

4. Ligaments connect bones to each other. True/False

5. Tendons are found in joints True/False

6. All muscles form the skeletal system. True/False

7. Bones protect the internal organs. True/False

**4. Match the part of the central nervous system with its function or characteristic.**

Brain	Receives and interprets information
Cerebellum	Is inside the cranium
Brain stem	Produces voluntary responses
Cerebrum	Produce automatic responses
Spinal cord	Regulates our heart beat
	Controls balance and coordination
	Controls all decisions

**5. Complete choosing the right option:**

..... movements are activated in the ..... Our ..... are ..... responses and result in almost ..... movements.

..... movements are the result of our ..... activity. It interprets the information from the ..... and activates a .....

