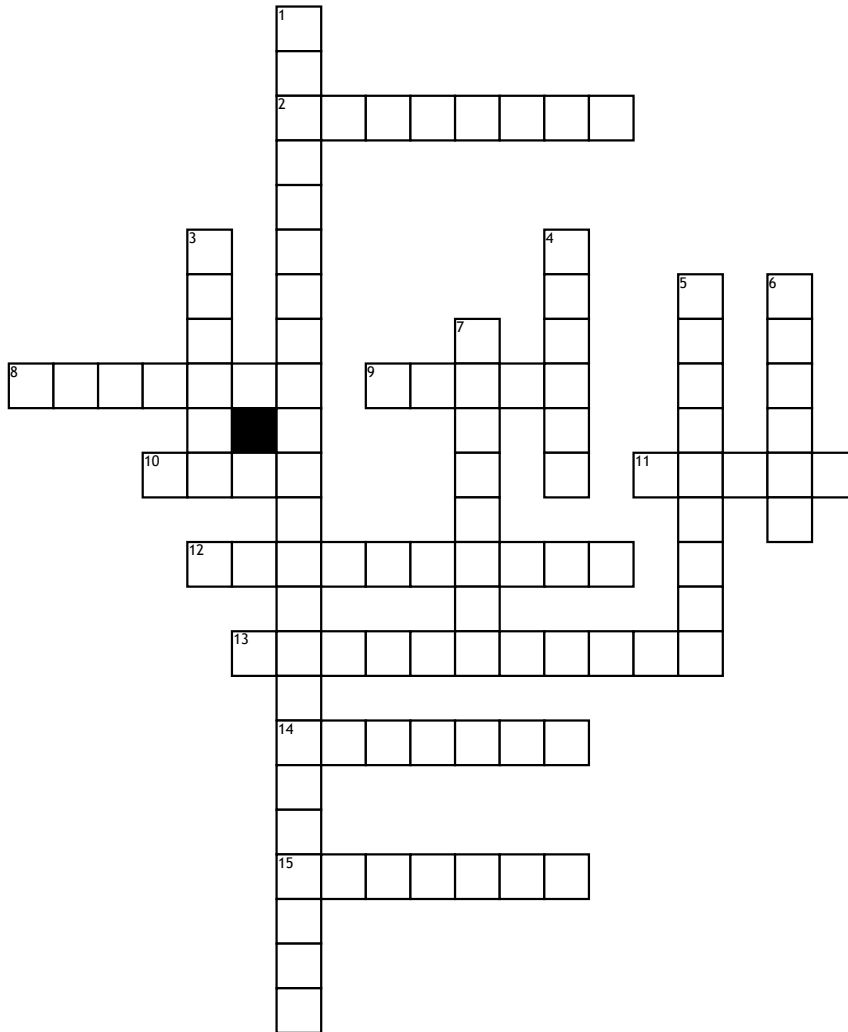


# Body Coordination



## Across

2. structure that detects a stimulus or change in the normal functioning of the body
8. Area in the brain that controls autonomic functions: breathing and swallowing
9. The ..... neurone carries messages from CNS to muscles
10. Structure that carries the nerve impulses away from the cell body
11. The control centre of the body

12. Part in the brain that is responsible for balance, coordination and movement
13. The process of regulating the internal condition of the body (balance)
14. Information from one neuron flows to the another neuron across a ....
15. The ..... neuron sends information to the CNS

3. involuntary/instantaneous movement in response to a stimulus
4. Basic unit of the nervous system
5. Nerve endings that branch out of the cell body
6. Multiple Sclerosis and Motor Neurone Disease occurs due to damage of the ... sheet
7. any information that the body receives that causes the body to respond

## Down

1. Nervous system outside the Central Nervous system

## Word Bank

Axon  
synapse  
Cerebellum  
Brain  
Sensory

Motor  
Receptor  
Peripheral Nervous System  
myelin  
stimulus

Homeostasis  
Neuron  
Reflex  
Medulla  
Dendrites