

Nervous control What travels along neurones?	Nervous control What is the central nervous system (CNS)?
Nervous control What is the peripheral nervous system (PNS)?	Nervous control What is the role of the nervous system?
Nervous control Which neurone is found only inside the CNS?	Nervous control Name the parts of a simple reflex arc in order.
Nervous control Describe a reflex action.	Nervous control What is a synapse?

The brain and the spinal cord.

Electrical impulses.

Coordination and regulation of body functions.

The nerves outside of the brain and spinal cord.

Receptor, sensory neurone, relay neurone, motor neurone, effector.

The relay neurone. It links the sensory neurone to the motor neurone.

A junction between two neurones.

A means of automatically and rapidly integrating and coordinating stimuli with the responses of effectors (muscles and glands).

Nervous control **Supplement**

Name three features of a synapse.

Nervous control **Supplement**

Describe the events at a synapse.

Nervous control **Supplement**

What do synapses ensure about the direction of impulses?

Impulse releases neurotransmitter from vesicles; it diffuses across the gap; binds to receptor proteins on the next neurone; an impulse starts there.

Vesicles containing neurotransmitter molecules, the synaptic gap and receptor proteins.

Impulses travel in one direction only.