

The human nervous system flashcards · AQA GCSE Combined Science: Trilogy · 8 cards. Print double-sided (flip on long edge), then cut along the lines.

The human nervous system

What is the CNS?

The human nervous system

Put in order: effector, receptor, coordinator, stimulus, response.

The human nervous system

What does a sensory neurone do?

The human nervous system

What does a relay neurone do?

The human nervous system

What does a motor neurone do?

The human nervous system

What is a synapse and how does it work?

The human nervous system

Describe a reflex action and why it is important.

The human nervous system

Ruler drop test: how is reaction time measured?

Stimulus, receptor, coordinator, effector, response.

The central nervous system: the brain and spinal cord. It coordinates the response of effectors.

Carries impulses within the CNS, from the sensory neurone to the motor neurone.

Carries electrical impulses from a receptor to the CNS.

A gap between two neurones. A chemical diffuses across the gap and starts an impulse in the next neurone.

Carries impulses from the CNS to an effector (a muscle or a gland).

Partner drops a ruler without warning; the person catches it. The distance it falls shows reaction time. Repeat and take a mean.

Automatic and rapid, not involving the conscious part of the brain. It protects the body from harm.