Science Fables

The Message Highway Inside You

Story Quiz

This quiz follows the journey of messages through the brain, spinal cord, and nerves inside the nervous system.

1. What carries messages between the brain and the rest of the body?

A. Bones
B. Nerves
C. Lungs
D. Muscles

2. What is the main job of the brain in the nervous system?

A. To pump blood
B. To control the body and process information
C. To digest food
D. To filter waste

3. What does the spinal cord do?

A. It carries messages between the brain and nerves throughout the body
B. It produces oxygen
C. It stores food
D. It protects the lungs

4. Why might a person pull their hand away quickly after touching something hot?

A. The muscles make the decision without receiving a message
B. A quick reflex helps protect the body from injury
C. The skin becomes cold
D. The heart stops sending blood

5. Which order correctly shows how the body may respond to touching something hot?

A. Muscle moves → skin feels heat → nerve sends message
B. Skin senses heat → nerves send a message → body pulls away
C. Brain sleeps → bones move → skin cools
D. Heart pumps → lungs breathe → hand moves

Answer Key

1. B — Nerves

Nerves carry messages between the brain and the rest of the body.

2. B — To control the body and process information

The brain's main job is to control the body and process information.

3. A — It carries messages between the brain and nerves throughout the body

The spinal cord carries messages between the brain and nerves throughout the body.

4. B — A quick reflex helps protect the body from injury

A quick reflex helps protect the body from injury when something hot is touched.

5. B — Skin senses heat → nerves send a message → body pulls away

The skin senses heat, nerves send a message, and the body pulls away.