

*Cut out each statement below. Then reorder the statements into the correct order starting with the title. Glue these into your notebook.*

**TITLE: REFLEX ARC  
(TOUCHING YOUR HAND  
ON A HOT STOVE)**

Later, the nervous impulse from the spinal cord travels the longer distance to the brain and is interpreted as "Ouch! That was hot!"

The nervous impulse or signal travels along the sensory nerves towards the spinal cord

The nervous impulse travels from the spinal cord along motor nerves to the hand muscles which contract to pull your hand away from the hot stove

The sensory receptors in the skin of your hand detect heat

The nervous impulse reaches the spinal cord and splits into 2 parts