

Nerves

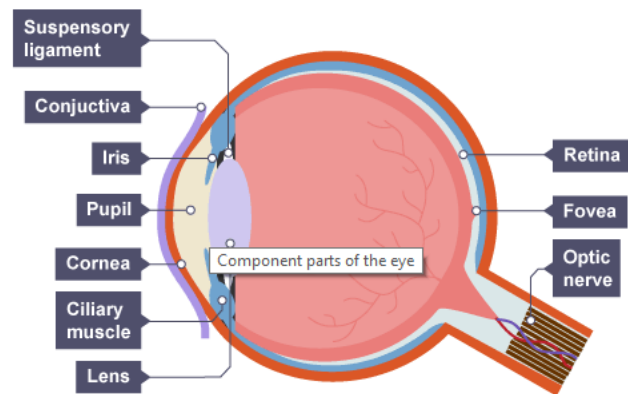
A special type of cell is found in a sense called an **Organ**. Such cells respond to **stimuli** (e.g. light) and transmit information to the **brain**.

Receptors respond to **Stimuli**, and then transmit an **electrical impulse**.

The rods respond to the **shades** of light and transmit an impulse to the **CNS**.

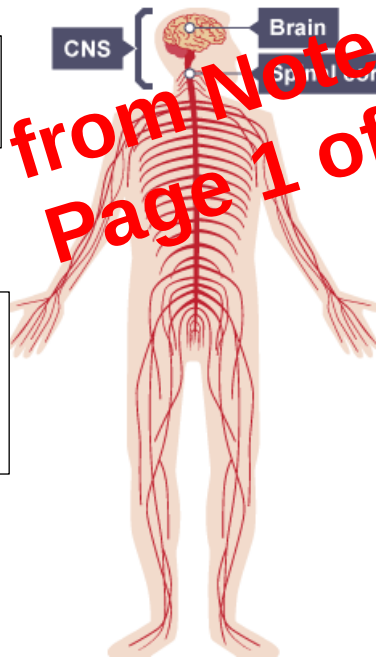
The cones respond too **bright** light and colours, then transmit an **impulse** to the **CNS**.

The retina in the eye has receptors called **Rods** and **cones**.



1. A receptor detects a stimulus then transmits an impulse.

2. A sensory neurone carry's an impulse from the receptor to the CNS, comprising of the brain and spinal cord.



3. A motor neurone carries the impulse from the CNS to the effector organ, that bring about a response.

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