**Responding to the Environment**

**Reflex**

* An involuntary and almost immediate movement in response to a stimulus.
* Your brain does not tell your foot to move. Your body reacts.
* Sensory neuron, motor neuron, brain

**Feedback Mechanism**

* A cycle of events in which information from one step controls or affects a previous step.
* Example: temperature-regulating

**The Eye**

* Cornea: clear membrane on the front of the eye that protects the eye but allows light to enter.
* Iris: a ring of muscle the controls the dilation of the pupil.
* Pupil: the opening in the front of the eye that allows light through.
* Lens: located in the back of the eye that light travels through after the pupil.
* Retina: the light-sensitive inner layer of the eye that receives images formed by the lens and transmits them through the optic nerve to the brain.
* Light travels in a straight line until it passes through the cornea and the lens and is focused on the retina.

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