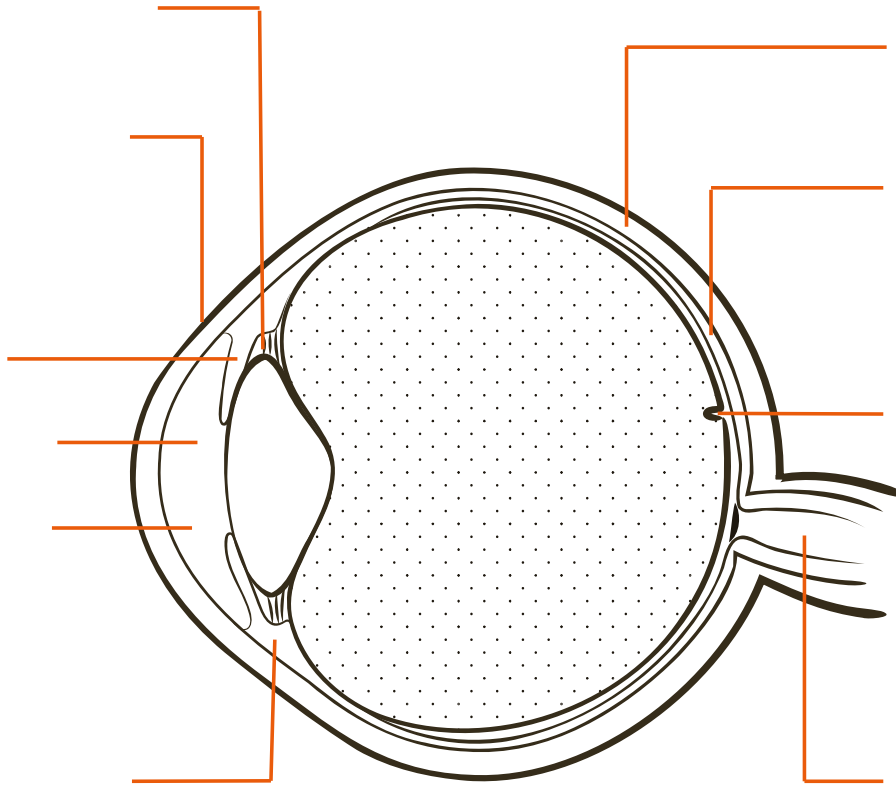


**Activity** Label each of the parts in this diagram (helpful hints below). Extension task: Explain the function of each part as you label it.



**Ciliary muscle** – This focuses the image.

**Suspensory ligament** – This sends the signal to the brain to interpret the image.

**Cornea** – The coloured part of the eye which is filled with muscles to change the size of the pupil and control the amount of light entering the eye.

**Pupil** – This is the gap where the light travels through.

**Lens** – This is where the image is displayed where the light rays meet.

**Iris** – This moves the lens to fit the focus range.

**Fovea** – The point of clearest focus on the retina.

**Sclera** – The outer protective layer around the eye.

**Choroid** – The layer which contains neurones and blood capillaries for rod and cone cells.

**Retina** – Holds the lens and allows the thickness to be altered for focussing.

**Optic nerve** – Transfers electrical impulses to the brain.

**Blindspot** – The point where the optic nerve joins the retina. There are no rod or cone cells at this point.