

The parts of the eye

Cornea

A transparent coating which covers the iris and the pupil at the front of the eye. It helps the eye to focus by refracting the light (changing its direction).

Optic Nerve

Sends signals from the eye to the brain, which represent colour, light and dark. The brain then reads the signals.

Pupil

The hole in the centre of the eye, which allows light to enter. The pupil gets bigger when it is dark, to let more light into the eye.

Iris

The name for the coloured part of the eye. It has tiny muscles to control how much light enters the pupil.

Sclera

The strong outer coating of the eye, which also controls its movement through six tiny muscles. This is the white part of the eye.

Lens

This focusses light onto the retina at the back of the eye. It refracts the light, causing the image to be upside down on the retina.

Retina

Contains photoreceptors, which are sensors that change light into electric signals for the brain.

Copy and complete the sentences.

1. The _____ is a hole in the centre of the eye. It allows _____ to enter.
2. The white, outer coating of the eye is called _____.
3. The _____ covers the iris and the pupil and helps the eye to focus.
4. The part of the eye which sends signals to the brain is the _____.
5. Light is focused onto the retina by the _____.
6. The _____ is the part of the eye which changes light into electric signals.
7. The coloured part of the eye is called _____.