

How does your body receive information through sight?

Photoreceptors cornea iris pupil smaller
larger lens Back electric signals optic nerve

The visual system uses _____ in the eye to detect electromagnetic signals - light - and create vision.

Light enters the eye through _____, a thin membrane that protects the eye and changes the direction of light rays.

The coloured part of your eye is the _____.

After passing to the cornea the light goes through an opening formed by the iris called the _____.

The iris controls the amount of light that enters the eye by changing the size of the pupil.

In bright light the iris constricts making the pupil _____ to let in less light.

In dim light the iris relaxes making the pupil _____ to let in more light.

Light then travels through a clear structure called the _____. The lens works with the cornea and focuses light. The retina is an area at the _____ of the eye that has two types of cells rod cells and cone cells with photoreceptors.

The retina then sends information as _____ through the _____ to the brain. The brain uses the information and creates a picture of what you are seeing.

