

Parts of the Eye

The parts of the eye work together to collect light rays, transmit them into electrical impulses, and send these impulses to the brain. Match each term in the word box to its description.

optic nerve
sclera

retina
optic disk

lens
aqueous humor

pupil
vitreous body

iris

- 1 _____ This is the clear gelatinous substance that fills the eyeball between the lens and the retina. It gives the eye its characteristic roundness.
- 2 _____ This is a transparent convex body that focuses light rays entering the pupil to form an image on the retina.
- 3 _____ This is connected to the retina and carries visual information to the thalamus and other parts of the brain.
- 4 _____ This regulates the amount of light that can enter the eye. It also gives us our eye color.
- 5 _____ This is the circular opening in the center of the iris through which light passes to the retina.
- 6 _____ This is the tough white fibrous outer tissue that covers the entire eyeball except for the cornea.
- 7 _____ This is the blind spot on the retina where the optic nerve originates from the eye.
- 8 _____ This is the clear watery fluid between the cornea and the lens of the eye.
- 9 _____ This is a delicate, multi-layered, light-sensitive membrane lining the inner eyeball and connected by the optic nerve to the brain.