

The Eye

EYE

- An opaque ball averaging 2.3 cm in diameter
- Composed of several parts w/ each part playing a distinct role that enables humans to see

PARTS OF THE EYE

1. Iris

- Colored circle of the eye which may be brown, black, gray, etc.
- Main task: regulate the size of the pupil through the contraction/relaxation of its muscles

2. Pupil

- Black circle in the middle of the eye
- Opening through which light enters the inner portion of the eye
- Changes size to regulate the amount of light entering the eye
- When in a dim environment, the pupil will enlarge to allow more light to pass through the eye.
- When in a bright environment, the pupil will dilate to minimize the amount of light to pass through the eye.

3. Sclera

- Visible white area of the eye
- Provides structure, protection & strength to the eyeball

4. Cornea

- Eye's clear, protective outer layer
- The outer thin, transparent membrane of the eyeball that covers the iris, pupil & anterior chamber
- Refracts most of the incident light that enters it

5. Conjunctiva

- Thin, transparent tissue that lines the inner surface of the eyelids & outer surface of the eyeball