The background of the slide features a repeating pattern of light green hexagons on a darker green gradient. A white rectangular box is positioned on the right side of the slide, containing the title text. The top portion of this box is a solid dark grey rectangle.

The Sensory System



Stimulus and Responses

Stimulus and Responses

- **A Stimulus** is something in our environment that causes us to take an action e.g. a car horn beeping
- **A Response** is the action we take e.g. jumping out of the way

The 5 Sense Organs

The 5 Sense Organs

● **The 5 Sense Organs** are:

- | | | |
|----|--------|---------|
| 1. | Eyes | Sight |
| 2. | Ears | Hearing |
| 3. | Nose | Smell |
| 4. | Skin | Touch |
| 5. | Tongue | Taste |



The Central Nervous System

The Central Nervous System

- **The Central Nervous System** is made up of the:

1. The Brain
2. The Spine

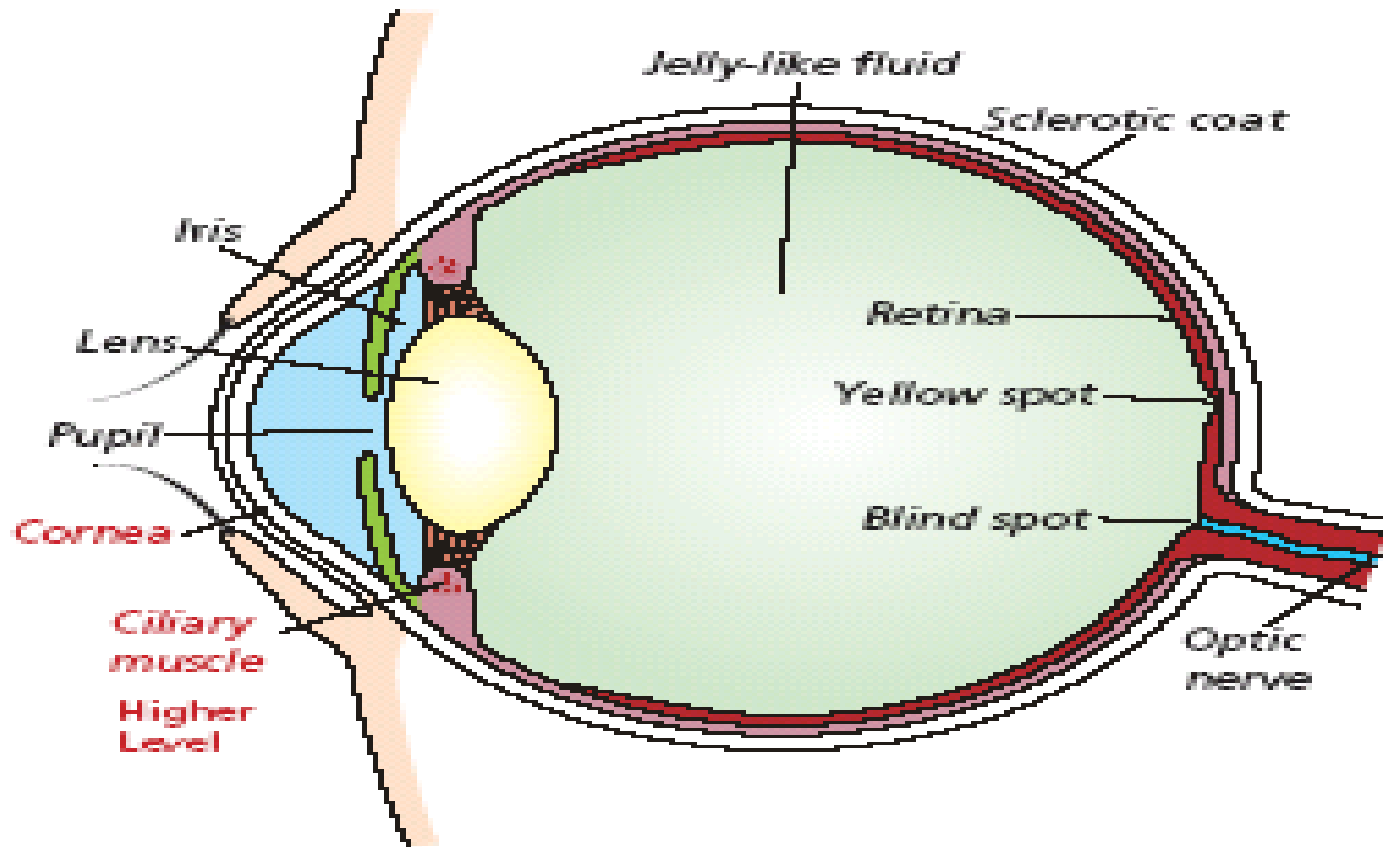


Sensory and Motor Nerves

Sensory and Motor Nerves

- **Sensory Nerves** carry messages TO the brain
- **Motor Nerves** carry messages AWAY from the brain

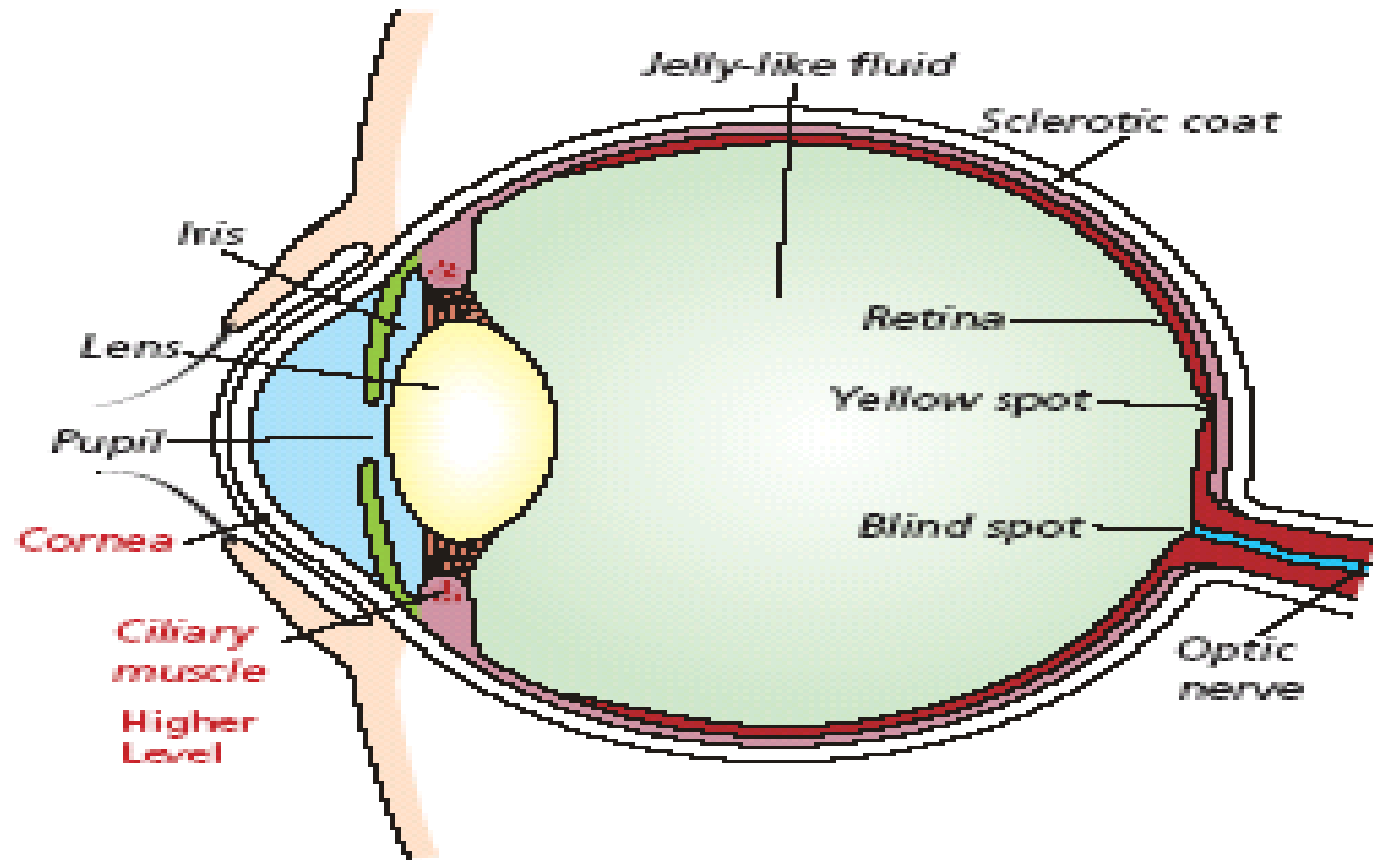
The Eye



The Parts of the eye

The Iris

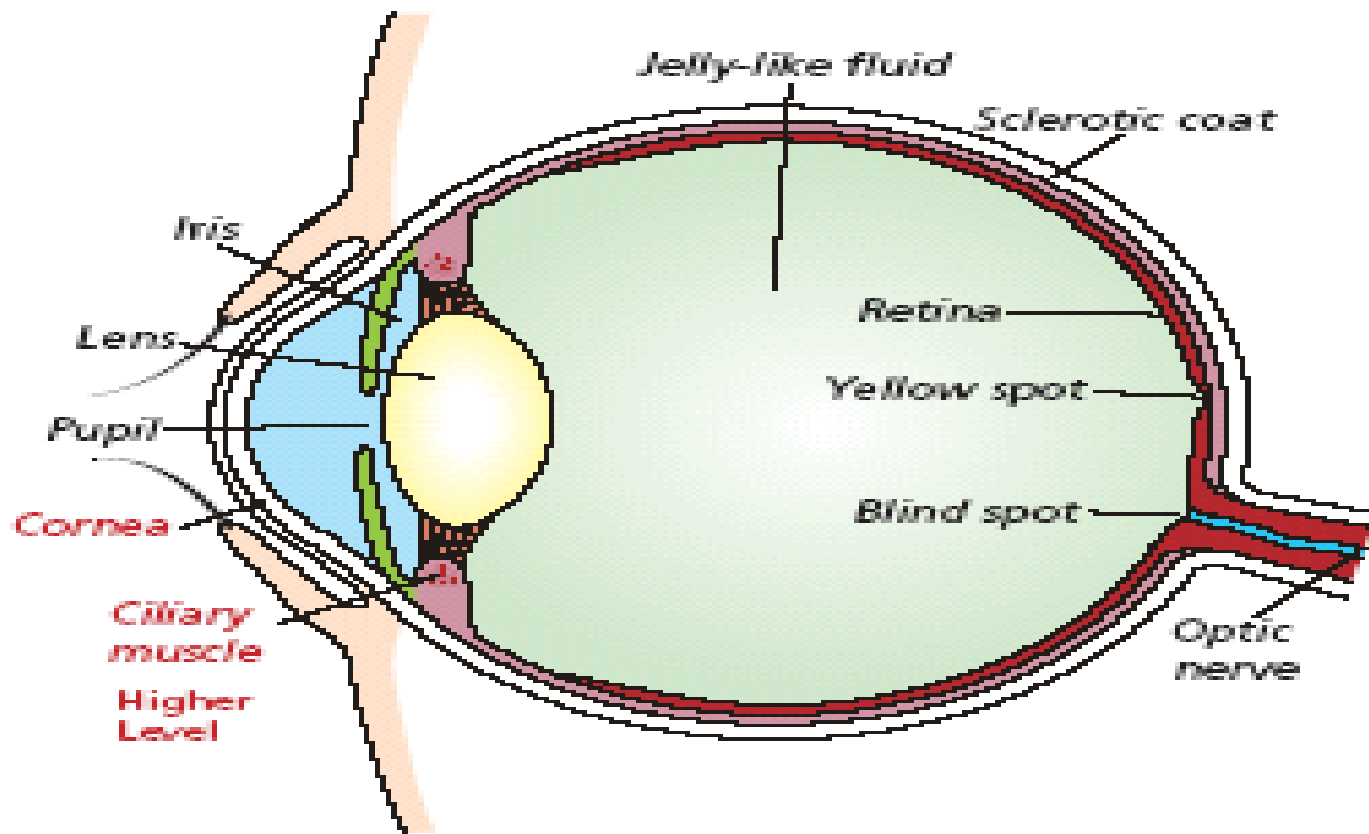
- The iris is the coloured part of the eye
- It controls the amount of light that enters the eye



The Parts of the eye

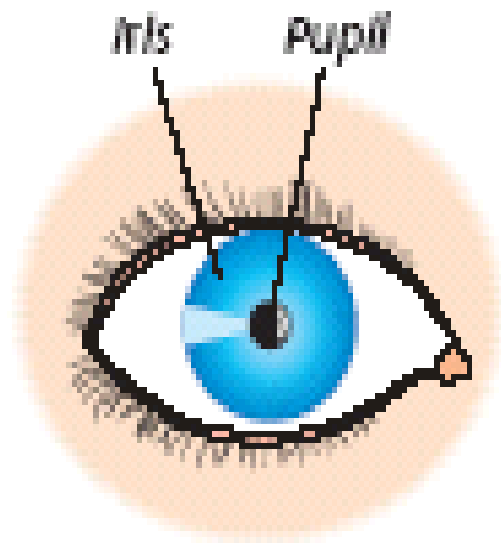
The Pupil

- The Pupil is the black circle
- The Pupil controls the amount of light that enters the eye

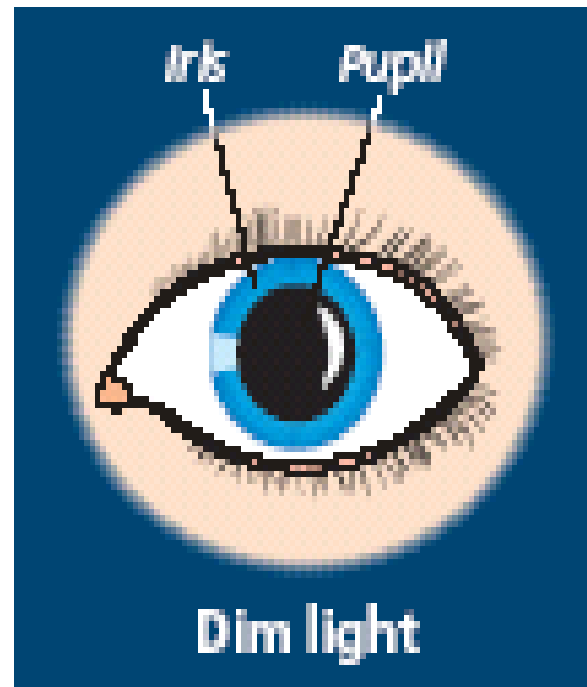


The Parts of the eye

- In bright light the Pupil gets smaller to prevent too much light entering
- In dim light the Pupil gets bigger to allow more light to enter the eye



Bright light



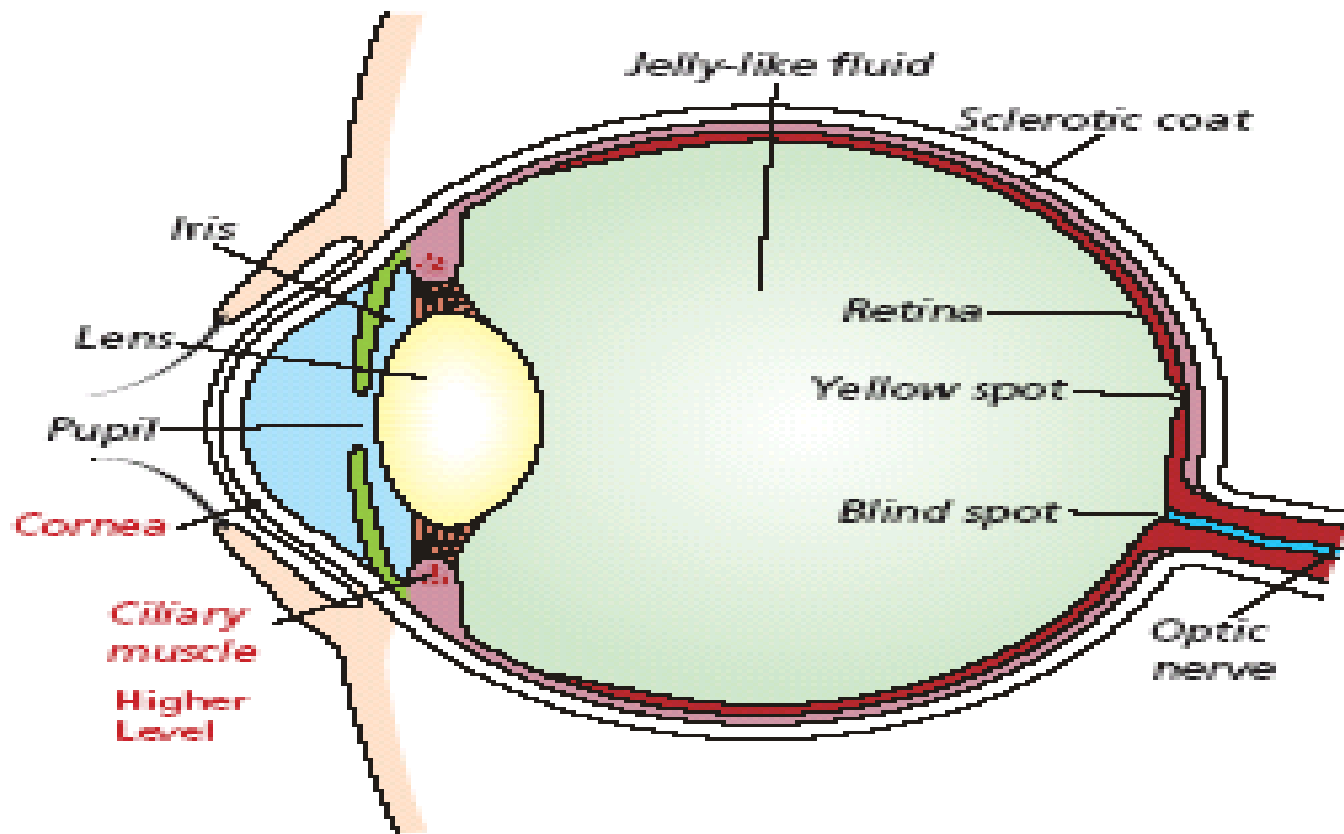
Dim light

The Parts of the eye

The Lens

- The Lens is flexible and can change shape
- The Lens focuses light onto the retina

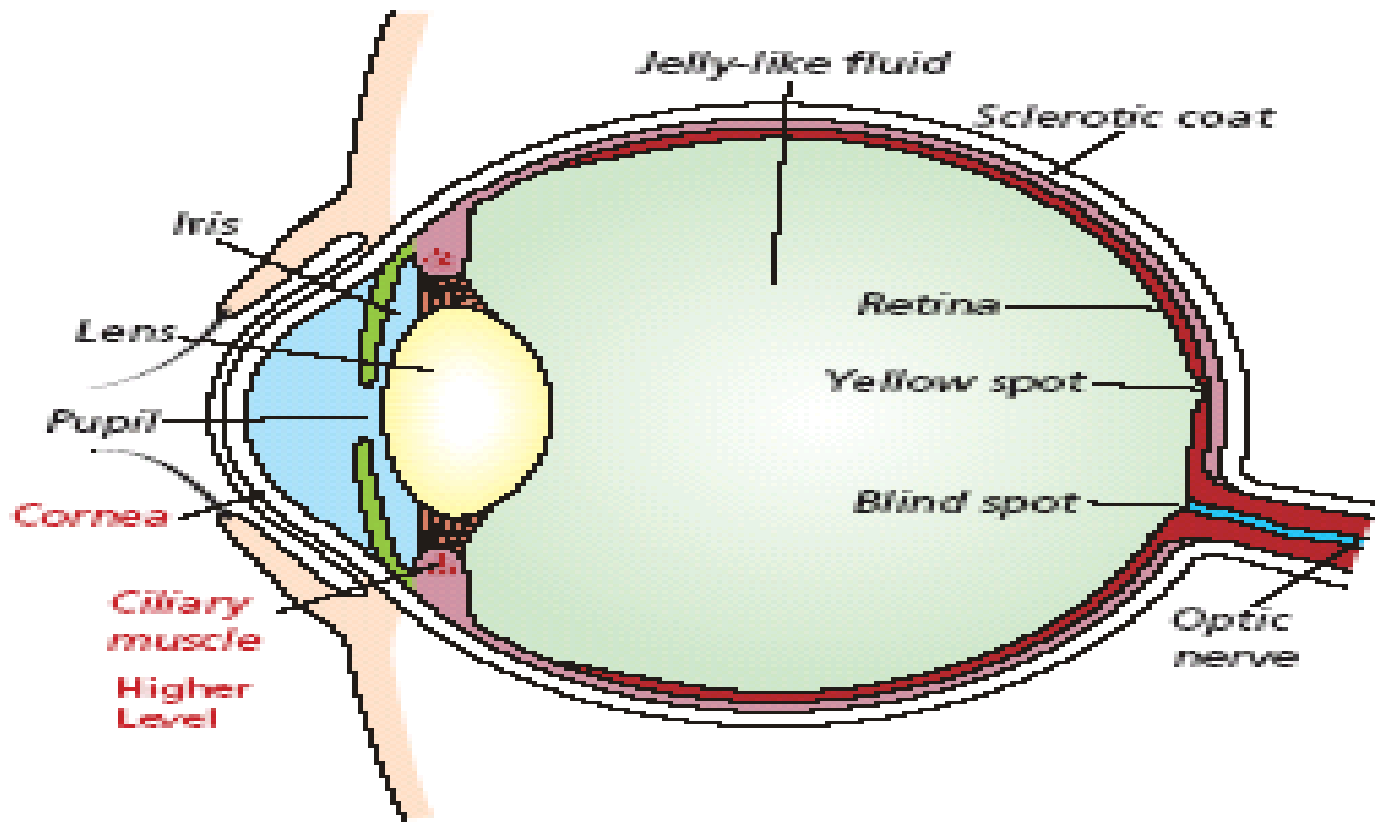
The Eye



The Parts of the eye

The Retina

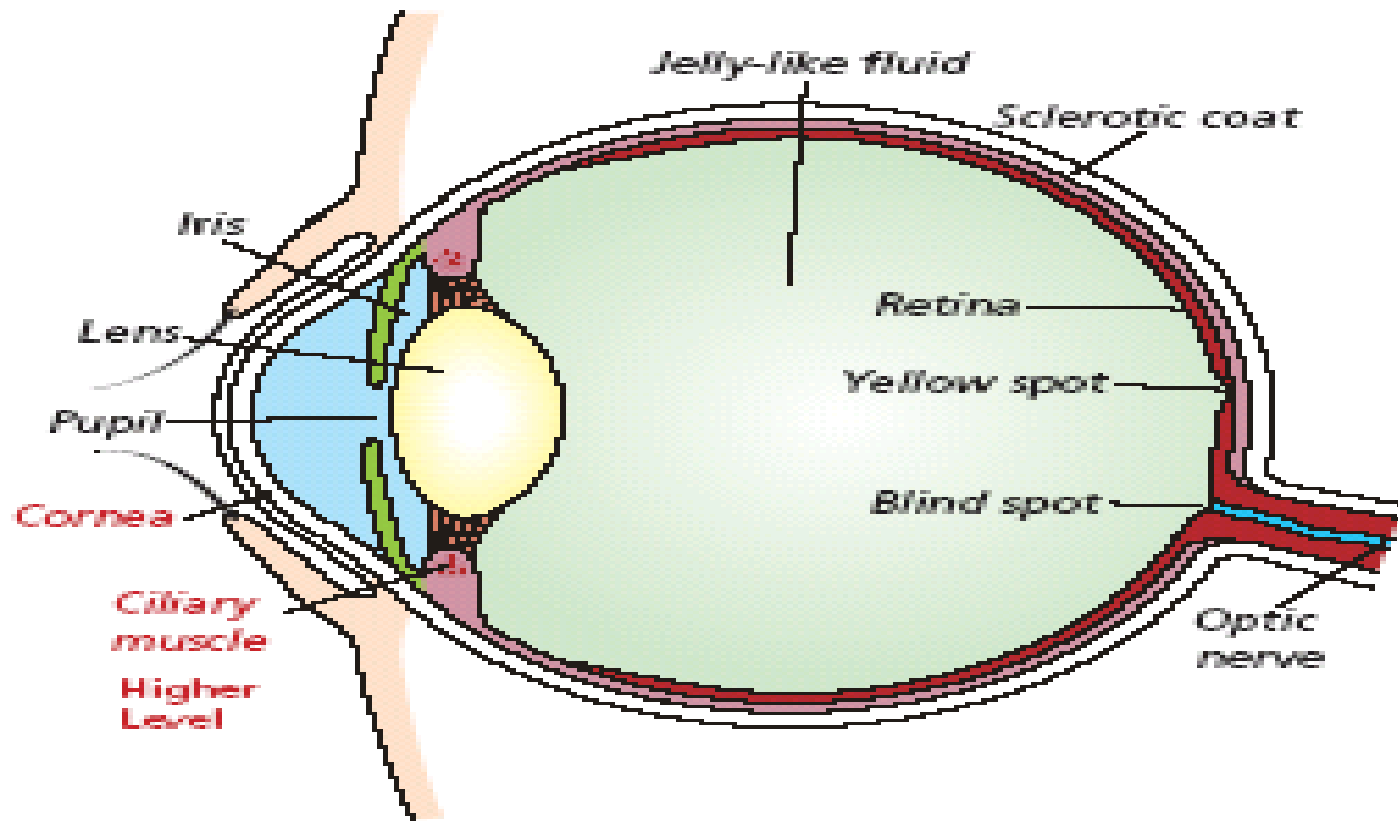
- The Retina is a light sensitive layer at the back of the eye
- The Retina allows us to see



The Parts of the Eye

The Optic Nerve

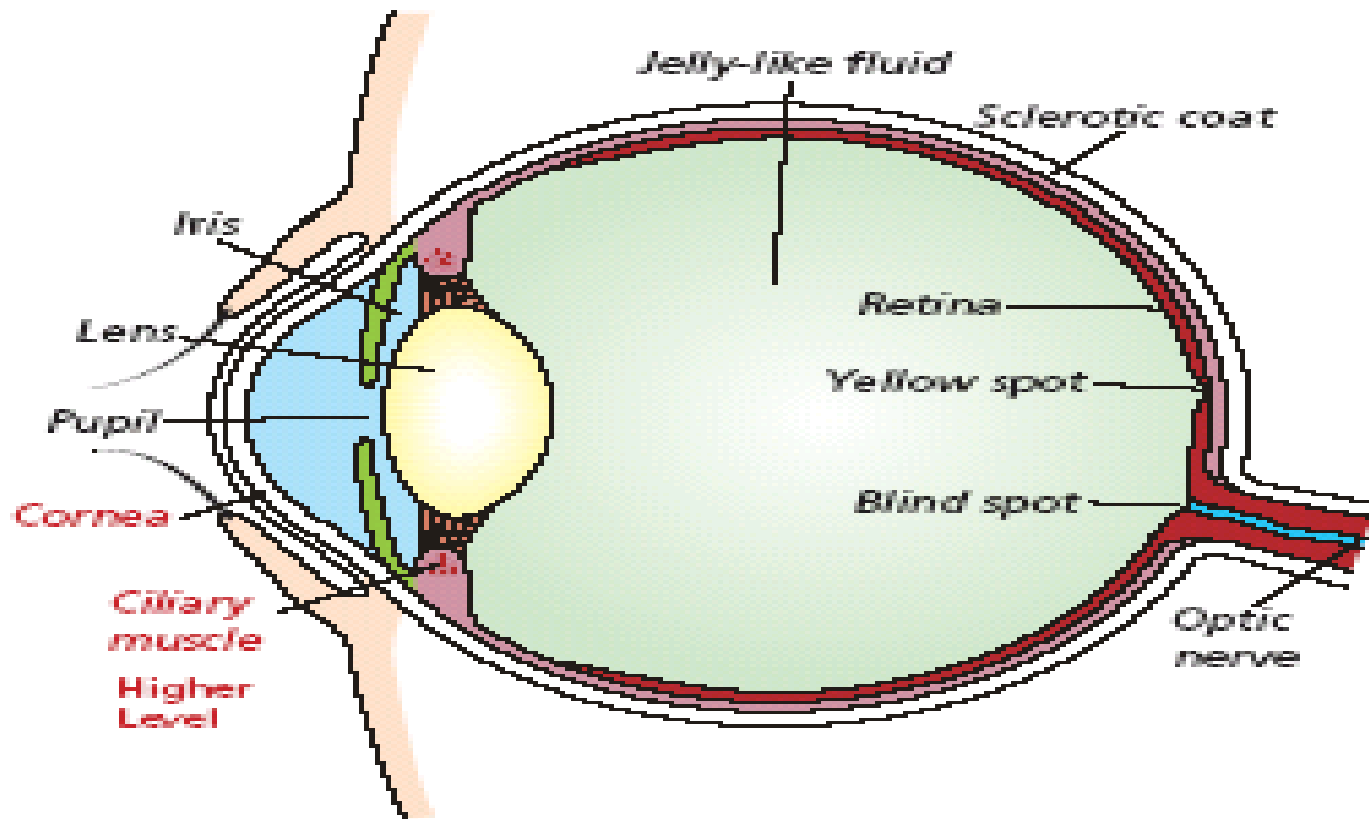
- The Optic Nerve is at the back of the eye
- The Optic Nerve brings messages from the eye to the brain



The Parts of the Eye

The Cornea

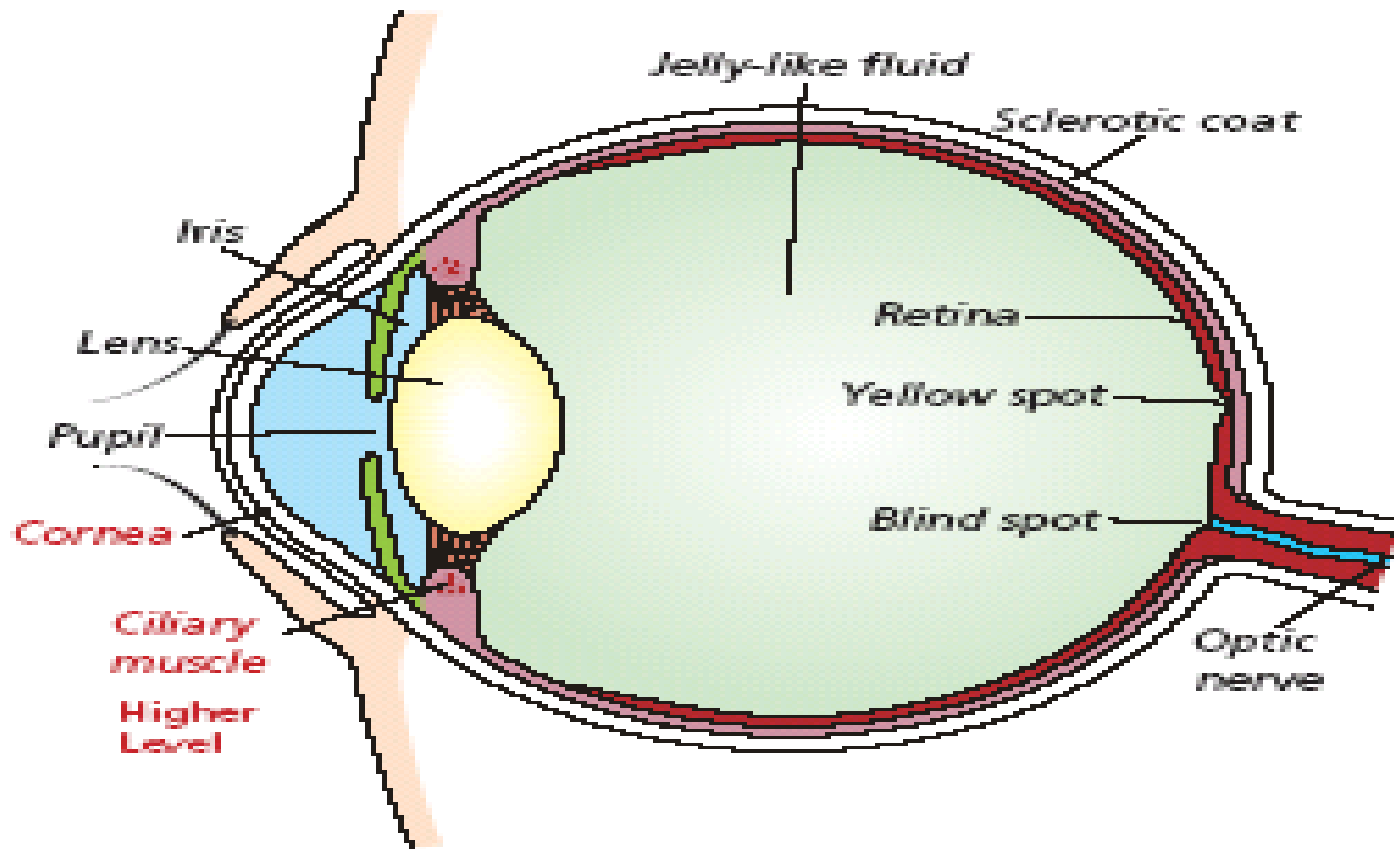
- The Cornea is the see through part of the eye at the front
- The Cornea allows light to enter the eye



The Parts of the Eye

Ciliary muscles

- Ciliary muscles surround the lens
- Ciliary muscles contract and relax to change the shape of the lens



Yellow Spot

- The yellow spot is where we have perfect vision