

S8P4. g. #1 I can explain the effect that lenses have on light.

#2 I can describe and explain the possible technological application of lenses.

How the Eyes Work Activity

Part 1: Use the words below to fill out the following cloze read.

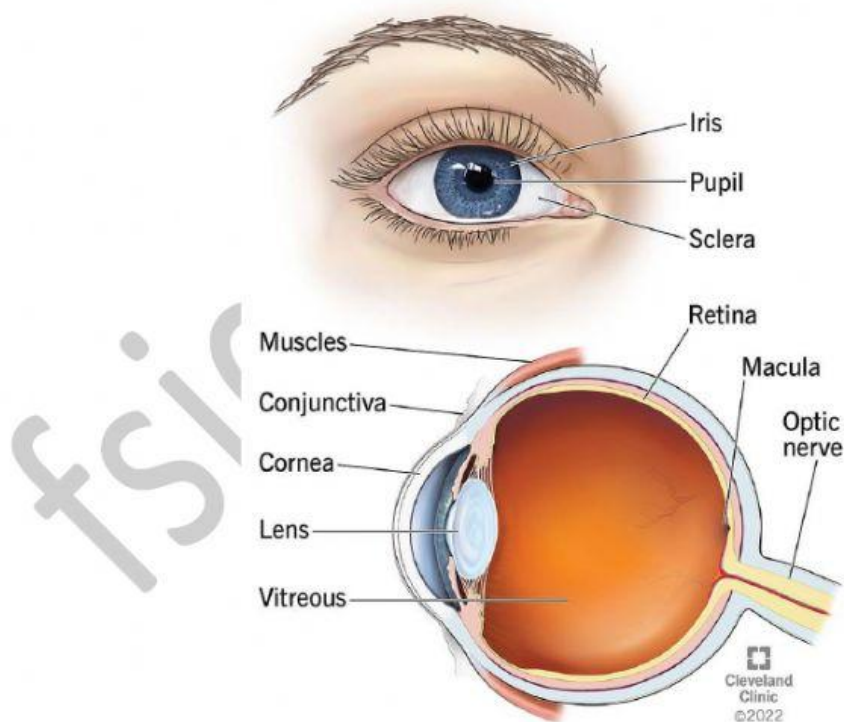
Ciliary muscle	Lens	Pupils	Retina
Cornea	Iris	Optic nerve	

Light enters our eyes through our _____, the black dot in the middle of our eyes. The pupil is protected by a transparent layer called the _____.

The colored part around the pupil is called the _____. It controls how much light gets into our eyes. The light then travels through the _____, which focuses the image of the object. The _____ changes the shape of the lens to help it focus.

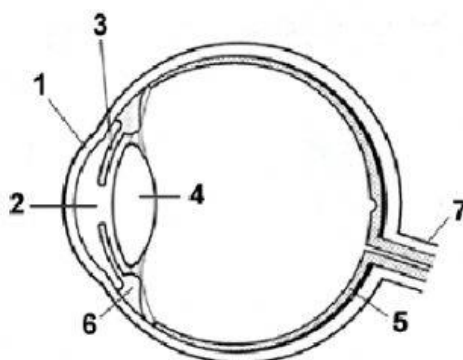
Light focused through the lens goes to a layer of tissue in the back of the eye called the _____. The signals collected there are sent to the _____, which transmits the image to the brain.

Eye anatomy



Created By: Chivas & Jordan Spivey

Part 2: Use the diagram of an eye below to drag and drop/write the correct eye part and function to their corresponding number.



Eye part Number	Part Name	Function of Eye part
1		
2		
3		
4		
5		
6		
7		

Part Names:

Lens	Iris	Retina	Cornea
Ciliary muscle	Pupil	Optic nerve	

Functions:

Transmits images and information to the brain	Contains cells that detect light
Outermost transparent layer of eye, begins focusing process	Opening to the inner eye, place where light enters the eye
Controls shape of lens	Controls the size of the pupil
Focuses image of object	

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