…

Allows you to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

See light when a \_\_\_\_\_\_\_\_\_ occurs that involves \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_

Enters eye through **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_; \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	+ Acts as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

After passing through cornea, light enters the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
		- Appears \_\_\_\_\_\_\_\_ to let more light in
		- Appears \_\_\_\_\_\_\_\_ to let less light in

**\_\_\_\_\_\_\_\_\_\_\_\_** is a \_\_\_\_\_\_\_\_\_\_\_ that \_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_ to change size of pupil

 \_ controls how much light \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

After entering pupil, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that refracts light to form image on lining of your eyeball
	+ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ hold lens \_\_\_\_\_\_\_\_ behind pupil
		- When focus on distant object, \_\_\_\_\_\_\_\_\_\_\_\_ and lens becomes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
		- When focus on nearby object, \_\_\_\_\_\_\_\_\_\_\_\_\_ and lens becomes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

When cornea & lens \_\_\_\_\_\_\_\_\_\_\_, an \_\_\_\_\_\_\_\_\_\_\_\_\_ forms on **\_\_\_\_\_\_\_\_\_\_\_\_** = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* + Made up of tiny, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ called rods & cones
		- **\_\_\_\_\_\_\_\_** – cells that contain a \_\_\_\_\_\_\_\_\_\_ that responds to \_\_\_\_\_\_\_\_\_amounts of light
			* All to see dim light (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
		- **\_\_\_\_\_\_\_\_\_\_\_** – cells that respond to \_\_\_\_\_\_\_\_\_\_
			* May detect red, green or blue light
			* Respond best in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
		- Rods & cones help \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ into signals that travel to brain

Rods & Cones \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ along short, thick nerve called the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* + Begins at \_\_\_\_\_\_\_\_\_\_\_\_ (area of retina that has \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
	+ Brain \_\_\_\_\_\_\_\_\_\_\_\_\_\_ signals as an \_\_\_\_\_\_\_\_\_\_\_ image
	+ Combines images from \_\_\_\_\_\_\_\_\_ into a \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_





**Refraction of Light**

* **When light rays \_\_\_\_\_\_\_\_\_\_\_\_\_\_ at an angle, the change in \_\_\_\_\_\_\_\_\_\_ causes the rays to *\_\_\_\_\_\_\_\_\_\_*, or change \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* Some mediums cause light to bend \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* A material’s **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** is a \_\_\_\_\_\_\_\_\_\_\_\_ of how much a ray of light \_\_\_\_\_\_\_\_\_when it enters that material
	+ \_\_\_\_\_\_\_\_ the index the more it \_\_\_\_\_

