

## Light/Electromagnetic Waves:

1. I can identify the parts of the eye.
2. I can explain the function for each part of the eye.
3. I can identify the parts of the visible spectrum along with how much energy each color carries.
4. I can read a graph relating to lenses and determine what the lens provides protection from.
5. I can explain what electromagnetic waves transfer and how they are created.
6. I can identify the parts of the electromagnetic spectrum from least to most amount of energy carried.
7. I can explain how infrared, visible and ultraviolet radiation are similar and different.

List the electromagnetic waves from least energy carried to most energy carried.

List the colors in the visible spectrum from least energy carried to most energy carried.

What is another word for the visible spectrum?

What is the charge of nucleus? What is charge of electrons?

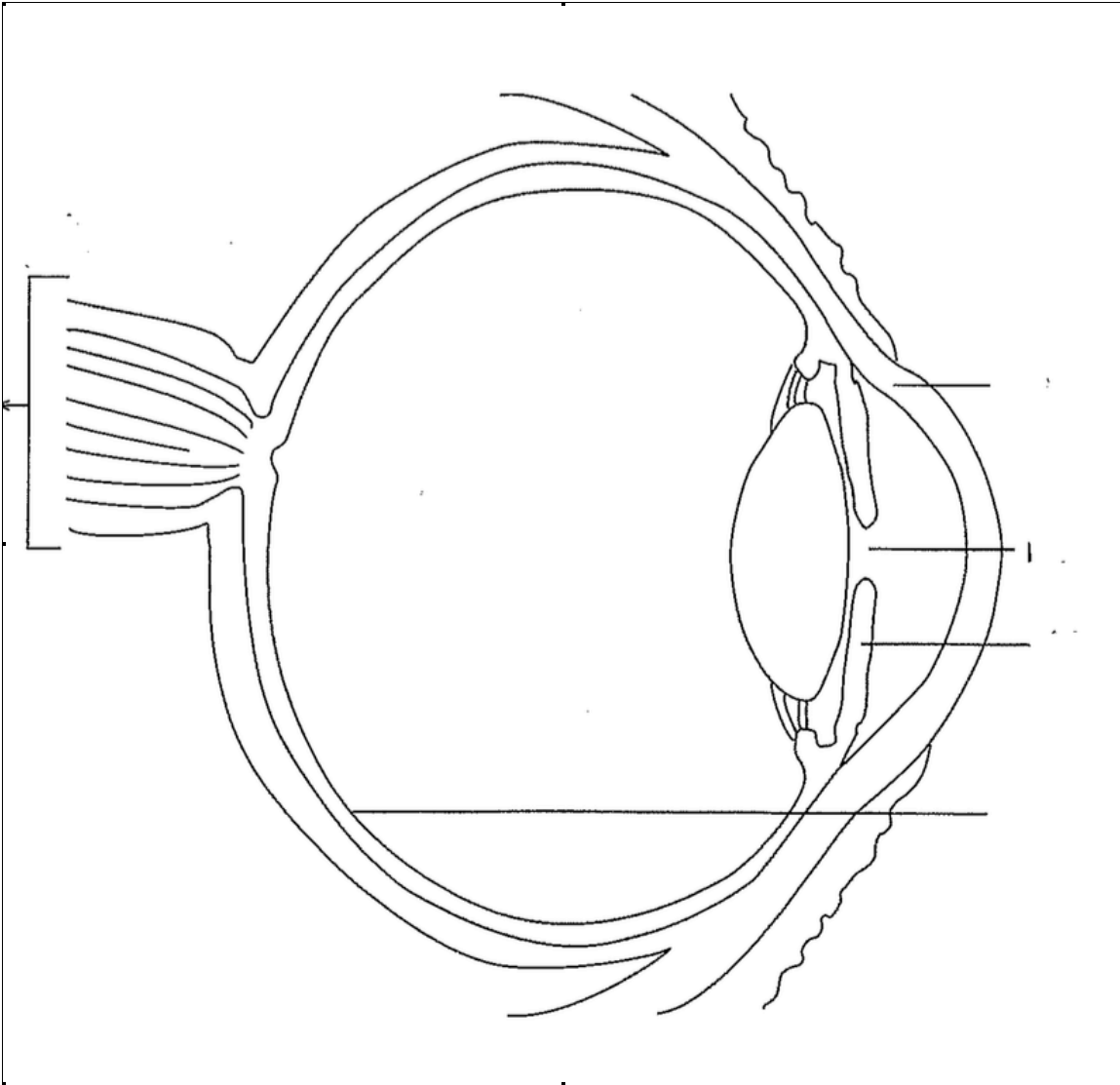
What is created between the charge of nucleus and electrons?

What is created when the electron moves?

What if electron moves more?

What if electron moves less?

Label the parts of the eye and explain its function.



What does lens 1 protect you from? What colors would you have trouble seeing through this lens?

