


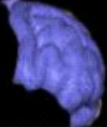
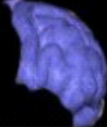





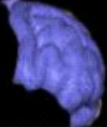
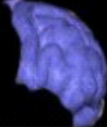





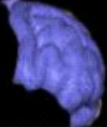
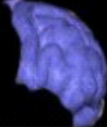




# M15 Game Day

Friday, July 16, 2010  
7:20 AM

Slide	Notes																														
<table border="1"> <thead> <tr> <th></th> <th data-bbox="342 342 573 430">f and <math>\lambda</math></th> <th data-bbox="573 342 803 430">Optics</th> <th data-bbox="803 342 1050 430">Human Eye</th> <th data-bbox="1050 342 1295 430">Color</th> </tr> </thead> <tbody> <tr> <td data-bbox="155 430 342 577">parietal lobe</td> <td data-bbox="342 430 573 577"></td> <td data-bbox="573 430 803 577"></td> <td data-bbox="803 430 1050 577"></td> <td data-bbox="1050 430 1295 577"></td> </tr> <tr> <td data-bbox="155 577 342 724">frontal lobe</td> <td data-bbox="342 577 573 724"></td> <td data-bbox="573 577 803 724"></td> <td data-bbox="803 577 1050 724"></td> <td data-bbox="1050 577 1295 724"></td> </tr> <tr> <td data-bbox="155 724 342 871">occipital lobe</td> <td data-bbox="342 724 573 871"></td> <td data-bbox="573 724 803 871"></td> <td data-bbox="803 724 1050 871"></td> <td data-bbox="1050 724 1295 871"></td> </tr> <tr> <td data-bbox="155 871 342 1018">temporal lobe</td> <td data-bbox="342 871 573 1018"></td> <td data-bbox="573 871 803 1018"></td> <td data-bbox="803 871 1050 1018"></td> <td data-bbox="1050 871 1295 1018"></td> </tr> <tr> <td data-bbox="155 1018 342 1165">cerebellum</td> <td data-bbox="342 1018 573 1165"></td> <td data-bbox="573 1018 803 1165"></td> <td data-bbox="803 1018 1050 1165"></td> <td data-bbox="1050 1018 1295 1165"></td> </tr> </tbody> </table>		f and $\lambda$	Optics	Human Eye	Color	parietal lobe					frontal lobe					occipital lobe					temporal lobe					cerebellum					
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<p>Which has a higher frequency?</p> <p>Choose one answer.</p> <p><input type="radio"/> a. yellow light</p> <p><input checked="" type="radio"/> b. green light</p> <p>Describe light according to the current accepted theory. Be detailed.</p> <p>Light is made up of individual packets. Each packet is made up of two perpendicular transverse waves: one which is oscillating electrical field and one that is made up of an oscillating magnetic field.</p> <p>Which has the longer wavelength?</p> <p>Choose one answer.</p> <p><input type="radio"/> a. ultraviolet</p> <p><input checked="" type="radio"/> b. radio waves</p>	<p>Frequency and Wavelength</p>																														
<p>The speed of light in glass is 185,000,000 m/sec. If a particle is traveling through air at 200,000,000 m/sec, what will happen to the particle's speed if it enters the glass?</p> <p>Choose one answer.</p> <p><input type="radio"/> a. It will speed up</p> <p><input checked="" type="radio"/> b. It will slow down</p>	<p>Optics</p>																														

The angle of reflection equals the angle of incidence is the definition for what term?

Choose one answer.

- a. Converging Lens
- b. The Law of Reflection
- c. Radio Waves
- d. Electromagnetic Waves

You want to concentrate light coming from a weak light source by focusing it all on a single point. You will need to use a ...

Choose one answer.

- a. converging lens
- b. diverging lens

No questions

The Human Eye

Remember that ...  
blue + green = cyan  
red + blue = magenta  
red + green = yellow

What color will you see when ...

You shine a red light on a yellow shirt

red ▼

Cyan and magenta ink are mixed

blue ▼

Your computer screen makes a green dot and then puts a blue dot in the same place

cyan ▼

Quiz: <http://www.virtualhomeschoolgroup.com/mod/quiz/view.php?id=17742>  
Exam: <http://www.virtualhomeschoolgroup.com/mod/quiz/view.php?id=17744>

Color