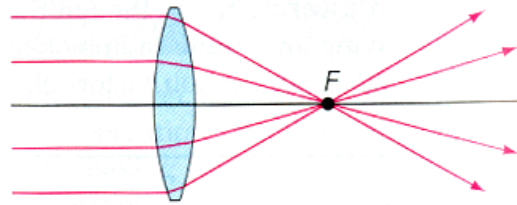


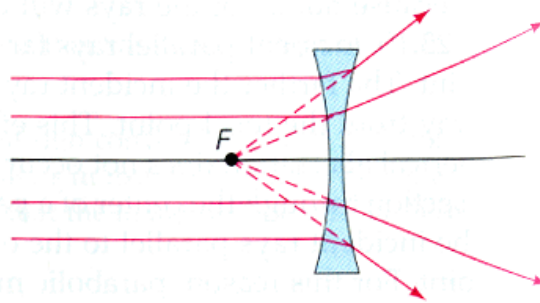
# Grade 8 Science

## Unit 2: Optics

Chapter 6: *Lenses refract light to form images.*



Converging lens



Diverging lens

Name: \_\_\_\_\_

Section #: \_\_\_\_\_

**Lenses**

- A \_\_\_\_\_ piece of transparent material that \_\_\_\_\_ light in a predictable way.
- Usually made from \_\_\_\_\_ or \_\_\_\_\_
- There are two types of lenses:

	<b>Diagram</b>	<b>Affect on Light Rays?</b>
<b>1. Convex Lens</b>		
<b>2. Concave Lens</b>		

**Corrective Lenses:**

	<b>Definition/ What is happening?</b>	<b>Lens used to correct?</b>
<b>Nearsightedness</b>		
<b>Farsightedness</b>		

**STSE: "Fiber Optics"****Optical Technologies...**

	<b>Lenses Used</b>
1. Microscope	
2. Telescope: <ul style="list-style-type: none"><li>• Refracting</li><li>• Reflecting</li></ul>	
3. Camera	
4. Binoculars	
5. Face Shields	
6. Magnifying Glasses	
7. Contact Lenses	
8. Flashlights	
9. Eye Glasses	