

## ***Lab 3: Light Refraction, Part One***

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When light moves from one medium into another, it appears to change direction. We call this change of direction “refraction”. We would like to explore the refraction of light through water.



**Questions:** *What determines how much light refracts when it enters water? How can you describe the refraction quantitatively?*

### **Timetable**

<b>I. Pre-Lab Discussion</b>	<b>5 min</b>	<b>Whole class</b>
<b>II. Planning the Experiment</b>	<b>30 min</b>	<b>Groups of 4</b>
<b>III. Class Discussion</b>	<b>20 min</b>	<b>Whole Class</b>
<b>IV. Data Collecting</b>	<b>40 min</b>	<b>Groups of 4</b>
<b>V. Writing the Lab Report</b>	<b>15 min</b>	<b>Groups of 4</b>