

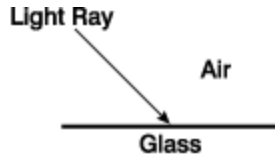
Open Response- Used in our interdisciplinary Unit last Semester.

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Essential Question- How is light reflected at different angles?

A light ray travels through air in a straight line until it hits the surface of a piece of clear glass, as shown in the diagram below.



- a. Draw two diagrams. In each diagram, show one thing that could happen to the ray of light after it hits the glass surface.
- b. For each of your diagrams, describe **one** example of a way people make use of the fact that light behaves the way your diagram shows.
- c.

Scoring Guide

Score	Description
4	The response demonstrates thorough understanding of the properties of light. The response includes two drawings that illustrate what could happen to the ray of light and completely describes an example of a way people make use of each property of light.
3	The response demonstrates general understanding of the properties of light. The response includes drawings that illustrate what could happen to the ray of light and describes in broad terms an example of a way people make use of each property of light.
2	The response demonstrates simplistic understanding of the properties of light. The response includes drawings that illustrate what could happen to the ray of light and/or describes an example of a way people make use of each property of light.
1	The response demonstrates minimal understanding of the properties of light. The response includes a drawing that illustrates what could happen to the ray of light or describes an example of a way people make use of each property of light.
0	The response is incorrect or contains some correct work that is irrelevant to the skill or concept being measured.