

## Light and Reflection Cube

Name:

3.2.2: Describe the laws of reflection of visible light. 3.1.1: identify and describe properties of visible light, using tools and apparatus safely (308-8, 209-6)	
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For this task, you need to create a cube (with 6 sides- template provided) that describes the 2nd principle of light and the laws of reflection. Each of the following things must be placed on a side, that describes light and the laws of reflection.

- Title and the Two laws of Reflection
- A labelled diagram of a regular reflective surface (including incident ray, normal, reflected ray, angle of incidence and angle of reflection)- see page 279\*
- A labelled diagram of a non-reflective surface (irregular or diffuse)
- Definition of Transparent, example of transparent surface, and Ray Diagram that corresponds
- Definition of Translucent, example of translucent surface and Ray Diagram that corresponds
- Definition of Opaque, example of Opaque surface and Ray Diagram that corresponds

Please be sure to include your name and class SOMEWHERE on your cube!

Classes : Monday April 15, Tuesday April 16th

Due: Tuesday April 23rd, 2019

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