**Vocabulary: Laser Reflection**



**Vocabulary**



* Angle of incidence – the angle between an incoming light ray and the normal.
	+ The normal is an imaginary line (shown in green in the image at right) that lies perpendicular to a surface.
	+ The symbol for the angle of incidence is *θi.*
* Angle of reflection – the angle between a reflected light ray and the normal.
	+ The symbol for the angle of reflection is *θr.*
* Laser – a concentrated beam of light of only one wavelength in which all the waves in the beam are parallel to one another.
	+ *Laser* is an acronym for *Light Amplification by the Stimulated Emission of Radiation*.
* Law of reflection – a law stating that the angle of incidence is equal to the angle of reflection.
	+ The law of reflection can be written as an equation: *θi* = *θr*.
* Plane mirror – a perfectly flat, smooth reflective surface.
	+ The mirror on a bathroom wall is an example of a plane mirror.
	+ Non-planar mirrors include curved mirrors such as concave and convex mirrors.
* Reflection – the deflection of light by a surface.
	+ When light is reflected, it changes direction.