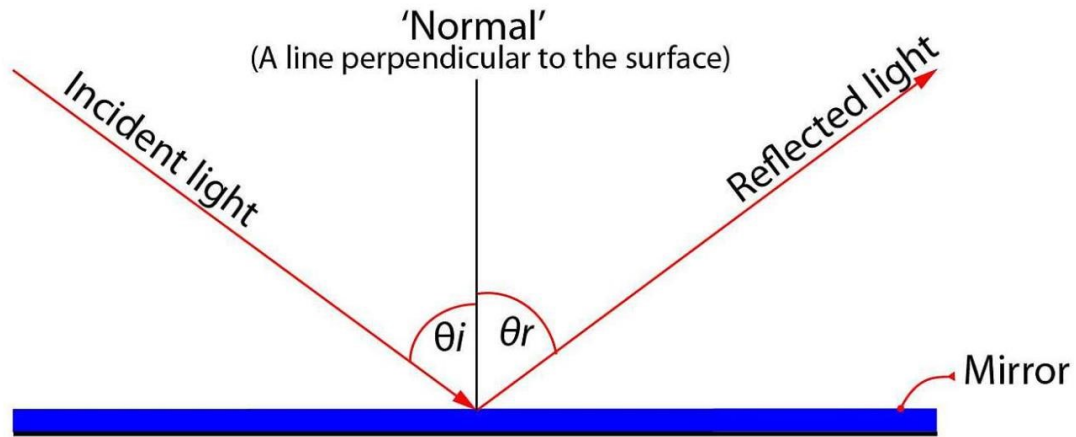


## Diagram showing the "Law of Reflection"



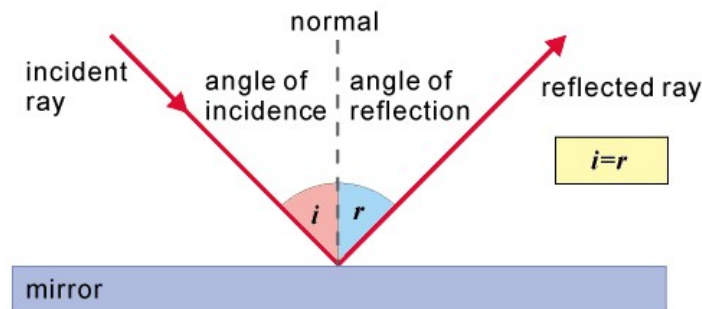
**The angle  $\theta_i$  is equal to the angle  $\theta_r$**

*The angle of incident light is equal to the angle of reflected light*

Aug 20-4:13 PM

**In other words, the "normal line" acts like an angle bisector.**

**The mirror needs to be positioned so that it is perpendicular to the bisector of that angle.**



Aug 20-12:40 PM