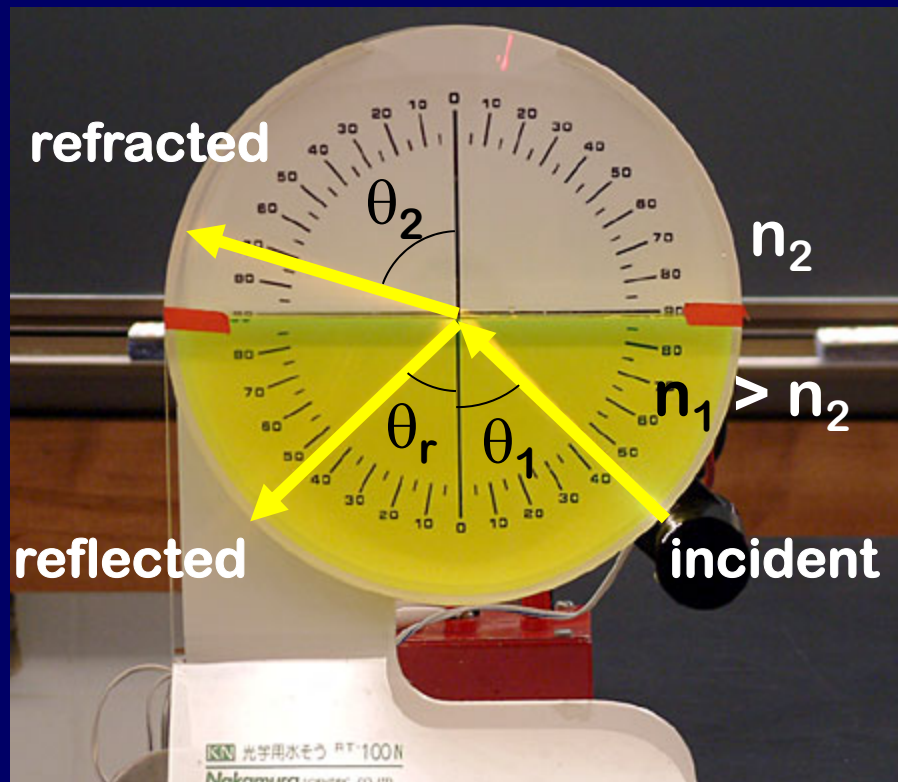# Demo: Snell's Law

When light travels from one medium to another the speed changes $v=c/n$, but the frequency is constant. So the light bends:

$$n_1 \sin(\theta_1) = n_2 \sin(\theta_2)$$

$$n_1 > n_2 \Rightarrow \theta_2 > \theta_1$$

Light bent <u>away</u> from normal as it goes in medium with <u>lower</u> n