

Refraction

Light moves at different speeds depending what medium it is passing through.

If light slows down or speeds up by changing mediums it will bend.

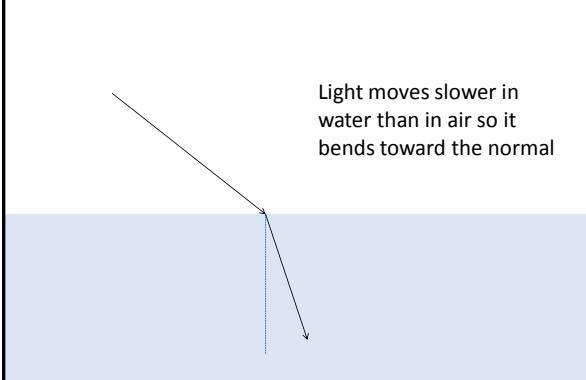
Slowing down will cause it to bend towards the normal.

Speeding up will cause it to bend away from the normal.

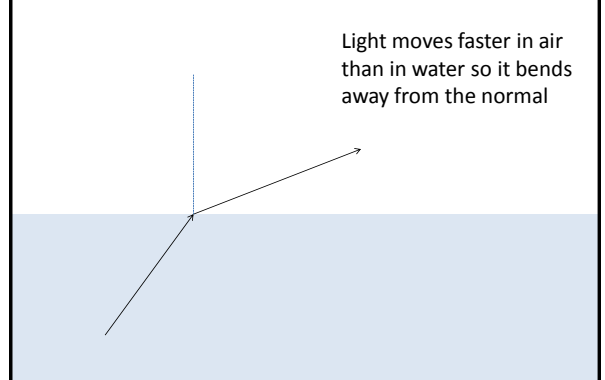
The higher the angle of incidence, the greater the refraction will be.

Angle of refraction is the angle between the refracted ray and the normal.

Light moving from air into water



Light moving from water into air



Our brains do not know how to compensate for refraction. This is why objects in water appear to be in a different place than they really are.

