



Science theme:Light

By destiny



What is reflection?

Reflection is when light hits a smooth object in an angle but then changes direction and bounces off the object in that same angle.

What objects are reflective and non-reflective?

Here are some materials/objects that are reflective/non-reflective:

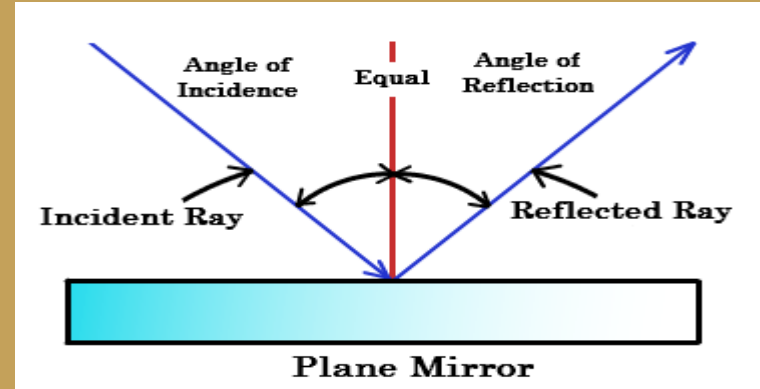
Spoon/can lid/aluminum foil/glass mirror(reflective)

Wood/paper/concrete/(non-reflective)

What is the law of reflection?

The law of reflection is when an element of light reflects off a surface, the angle of incidence is equal to the angle of reflection.

Also, both Rays always stay in an acute angle and no matter which direction light hits a smooth surface from, the light reflects back off at an equal angle.



Key vocabulary:

Acute angle
Reflected ray
Incident ray
Equal

Fun fact:

We see objects because they either give off their own light, or light reflects off the objects and enters our eyes.

An example of this is the moon, the moon does not create its own light-we can see the moon because it reflects light from the sun.

Fun fact:

The way light reaches our eyes is when light passes through our pupil into our brain and we process it. Also our iris decides how much light enters our eyes at a time.

Thank
You