

Refraction and lenses

Application



Q1: How can we define refraction?

Change of direction in the light's path when it travels from one medium to another

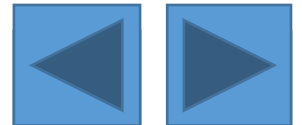
Change of direction in the light's path when it travels in the same medium



Q2: Does light travels the same way in all mediums?

No

Yes



Q3: what is the type of wood?

Translucent

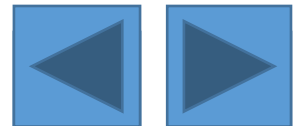
Opaque



Q4: what is the type of clear water?

Translucent

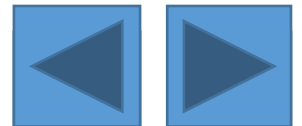
Transparent



Q5: what is the type of butter paper?

**Transpare
nt**

**Transluce
nt**



Q6: what is the type of rock?

Opaque

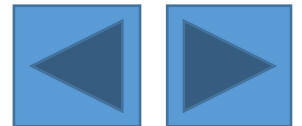
Transparent



**Q7: when putting a pen in
a glass of water will it be
broken for real?**

Yes

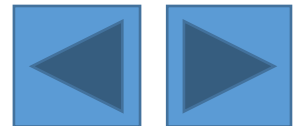
No



Q8: what do we call the ray entering a medium during refraction?

Incident

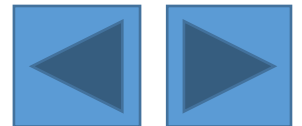
Emergent



**Q9: what do we call the ray
leaving a medium during
refraction?**

Incident

Emergent



Q10: Is the light able to travel within a door made from wood?

No

Yes



The END

