ction?	The bending of a wave as it crosses a boundary between two media at an angle.
sound wave become	It is refracted when it travels at uneven winds or when it is traveling through air of uneven temperature.
nds travel a farther distance at	The layer of warm air on top of a layer of colder air near the ground causes a bending of the sound waves towards Earth.
ction?	The reflection of light from a smooth surface that bounces predictably into the original medium
se reflection?	The reflection of light from a rough surface that bounces randomly into the original medium.
a surface "rough"?	The surface bumps are bigger than the wavelengths it reflects.
a surface "smooth"	The surface bumps are smaller than the wavelengths it reflects.
refraction?	The change in speed of light as it passes from one medium to another, or variations in temperatures and densities of the same medium.
on do light rays bend when they um in which their speed	Towards the normal
on do light rays bend when they um in which their speed	Away from the normal
rage?	An imaged caused by the refraction of light in Earth's atmosphere.
lispersion?	The separation of light into colors arranged according to their frequency.
eds to happen in order for a e a rainbow?	The sun must be shining in one part of the sky, and the water droplets in a cloud or falling rain must be in the opposite part of the sky.
otal internal reflection? What is example of it?	The complete reflection of light back into its original medium. A diamond sparkles beautiful due to this phenomenon.
	sound wave become Inds travel a farther distance at ction? se reflection? a surface "rough"? a surface "smooth" a surface "smooth" refraction? on do light rays bend when they um in which their speed on do light rays bend when they um in which their speed on do light rays bend when they um in which their speed on do light rays bend when they um in which their speed on do light rays bend when they um in which their speed on do light rays bend when they um in which their speed a se a rainbow? otal internal reflection? What is