

Sound and Light Vocabulary

sound: made when objects vibrate but these vibrations aren't always visible

vibration: back and forth motion

sound waves: created by a pressure that is caused by vibrations

noise : unwanted sound

volume: how loud or soft a sound is

pitch: how high or how low a sound is

echo: sound bouncing (reflecting) off hard surfaces

doppler effect: can be observed as sound getting louder the it is and softer the further away it is, think of a siren on an ambulance or fire engine, the closer it is, the louder it gets and the farther away, the softer the sound is. The doppler effect when either the listener or the source of sound is moving.

lights: something that makes vision possible

darkness: the absence of light

reflection: a light bounces off a surface and changes direction (mirror)

refraction: light bends on an angle (pencil in a glass shows this)

absorption: light is stopped at the surface and does not reflect or refract (wood)

opaque: blocks all light

transparent: lets most of the light through...glass

translucent: scatters the light but lets some light pass through

shadow: created when light is blocked by and object and there's a nearby surface where the object becomes the shadow surrounded by the light