

W.5 I can provide evidence that demonstrates that waves are absorbed, reflected, and transmitted in the world.

Reflection, Absorption, Transmission Resource

Reflection - the bouncing back of a wave after it strikes a barrier

Absorption - the transfer of energy from a wave to matter as a wave passes through it

Transmission - the passing of a wave through a material

	Example From Real World	Example from Mystery Box
Reflection of Light	light waves bounce off of a mirror and you can see your reflection	
Transmission of Light	light waves traveling through a window allowing you to see through it	
Absorption of Light	a black surface absorbs light rays and becomes hot	
Reflection of Sound	reflect off the walls of a canyon creates an echo	
Transmission of Sound	sound proof rooms and materials that absorb sound waves can dampen sounds	
Absorption of Sound	talking through a thin wall or door to someone on the other side that can hear you, talking to someone across the room	