

Notes - Behavior of Waves

Behavior of Waves	Light and sound waves can _____ when they come in contact with different _____, _____, or _____.
Types of Mediums	<p>There are _____ types of mediums</p> <ul style="list-style-type: none"> • _____ • _____ • _____ • plasma
Behavior of Waves	<p>Light and sound waves are affected _____ as they pass through different obstacles. They can be:</p> <ul style="list-style-type: none"> • _____ • absorbed • _____ • diffracted or • _____
Reflection	When incoming light or sound waves _____ an object and _____ off
Absorption	Sound or light waves hit the molecules _____ the object and are _____ in and transferred into _____
Refraction	Light and sounds waves _____ directions as they pass through different mediums _____ the waves at different _____

<p>Diffraction</p>	<p>The _____ and _____ of waves through a small slit around obstacles</p>
<p>Scattering</p>	<p>When light and sound waves _____ off an object the waves go in a _____ of different _____ and in different _____</p>
<p>Light Waves</p>	<p>Light can travel through _____ (vacuum), _____, _____, solids, and _____</p>
<p>Sound Waves</p>	<p>Sound can travel through _____, _____, Gas, and _____</p> <p>Sound _____ travel through _____ (Vacuum)</p>