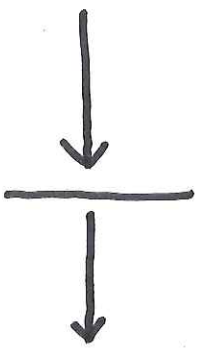


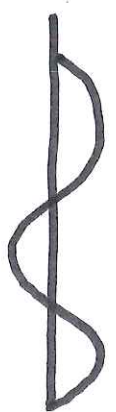
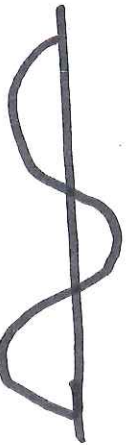


Wave Behaviors

<p><u>Reflection</u></p> <p>The bouncing back of a wave after it strikes a barrier.</p>	<p><u>Refraction</u></p> <p>The bending of a wave as it passes from one medium to another.</p>	<p><u>Diffraction</u></p> <p>The spreading out of a wave as it passes through an opening</p>	<p><u>Constructive Interference</u></p> <p>2 or more waves overlap and combine together to make a <u>larger amplitude</u></p>
<p><u>Transmission</u></p> <p>The passing of a wave through a medium</p>  <ul style="list-style-type: none"> • Mirror • Ultra-Sound • Echo • Sonar • Radar • White T-shirts 	<p><u>Absorption</u></p> <p>The disappearance of a wave into a medium</p>  <ul style="list-style-type: none"> • Spear Fishing • Straw in Glass • All rainbows • Prism 	<p><u>Emitting</u></p> <p>The "sending off" of a wave</p>  <ul style="list-style-type: none"> • sound around corner • light at the end of hallway 	<p><u>Destructive Interference</u></p> <p>2 or more waves overlap and combine together to make a <u>smaller amplitude</u></p> 
<ul style="list-style-type: none"> • Sound through air • Light through window 	<ul style="list-style-type: none"> • Sound "Proof" • Heat Earth • Black T-Shirts 	<ul style="list-style-type: none"> • Speaker • Flashlight • Talking 	<p><u>+</u></p>  <p><u>= wave w/ smaller amplitude</u></p>