

## Earth / Physical Science : Sound & Light Waves Outline

<u>Day</u>	<u>Subject / Activity</u>
1	Types Of Waves
2	<b>LAB : Transverse Waves</b>
3	<b>LAB : Waves On A Spring</b>
4	Characteristics Of Waves
5	<b>LAB : Measuring Wave Properties</b>
6	<b>LAB : The Doppler Effect</b>
7	Wave Interactions
8	<b>LAB : Investigating The Behavior Of Waves</b>
9	<b>LAB : Bending Light</b>
10	<b>Chapter Test / Assign Project – Who’s Who In Physics? : <u>(HS-PS4-1)</u></b>
11	Sound
12	<b>LAB : Blocking Noise Pollution / Beat Lab / Love Songs</b>
13	<b>LAB : Sound Waves In Matter</b>
14	The Nature Of Light
15	<b>LAB : Producing A Spectrum</b>
16	<b>LAB : Laser Obstacle Course</b>
17	<b>Chapter Test : <u>(HS-PS3-5)</u></b>
18	Reflection & Color
19	<b>LAB : Mixing Colored Lights &amp; Pigments <u>or</u> Color Vision (pHet Simulation)</b>
20	<b>LAB : Selecting Mirrors / Star Tracing Challenge</b>
21	<b>LAB : Reflection Of Light</b>
22	Refraction, Lenses, & Prisms
23	<b>LAB : Lenses &amp; Images</b>
24	<b>LAB : Scattering Of Light Waves</b>
25	<b>LAB : Modeling Corrective Lenses</b>
26	<b>Chapter Test : <u>(HS-PS4-4)</u></b>