


**PHYSICS**

# WAVES CALENDAR

<p>OCT. 13</p> <p><b>NO SCHOOL</b></p> <p><b>Columbus Day</b></p>	<p>OCT. 14</p> <p>Ripple Tank Demo/Notes</p> <hr style="border-top: 1px dashed black;"/> <p>Read pp. 289-297</p>	<p>OCT. 15</p> <p>Wave field trip/notes</p> <hr style="border-top: 1px dashed black;"/> <p>Wave Probs 1-6</p>	<p>OCT. 16</p> <p>Go over Homework Book Qs &amp; Ps See below</p> <hr style="border-top: 1px dashed black;"/> <p>Finish Waves Qs&amp;Ps Wave Probs 7-12</p>	<p>OCT. 17</p> <p>Go over Refr. Test Go over HW</p> <hr style="border-top: 1px dashed black;"/> <p>Std. Wave Lab + Prelab</p>
<p>OCT. 20</p> <p>Intro Standing Waves Standing Wave Lab</p> <hr style="border-top: 1px dashed black;"/> <p>Visit Websites Below Lab due Tues</p>	<p>OCT. 21</p> <p>Standing Waves</p> <hr style="border-top: 1px dashed black;"/> <p>Finish Std Wave Lab Read Speed of Sound Lab</p>	<p>OCT. 22</p> <p>Speed of Sound Lab</p> <hr style="border-top: 1px dashed black;"/> <p>Finish Lab Read pp. 311-327</p>	<p>LA/KW DAY OCT.23 <b>PPP</b></p> <p>Sound Demos</p> <hr style="border-top: 1px dashed black;"/> <p>Read Article, Answer Questions</p>	<p>OCT. 24</p> <p>More Sound Discuss Article Wave refraction Echos</p> <hr style="border-top: 1px dashed black;"/> <p>Study for quiz</p>
<p>OCT. 27</p> <p>Wave &amp; Sound Quiz</p> <hr style="border-top: 1px dashed black;"/> <p>Int. &amp; Diff p. 1&amp;2</p>	<p>OCT. 28</p> <p>Interference. &amp; Diffraction w/ demos</p> <hr style="border-top: 1px dashed black;"/> <p>Waves EC Online Due 10/</p>	<p>OCT. 29</p> <p>Inter. &amp; Diff. w/ demos</p> <hr style="border-top: 1px dashed black;"/> <p>Applying Interference &amp; Diffraction WS</p>	<p>OCT. 30</p> <p>Discuss Applying... Doppler Effect</p> <hr style="border-top: 1px dashed black;"/> <p>Write a review Question &amp; Answer</p>	<p><b>½ Day</b> OCT. 31</p> <p><b>REVIEW!!</b></p> <hr style="border-top: 1px dashed black;"/> <p>Study for Test</p>
<p>NOV. 3</p> <p><b>NO SCHOOL (for you)</b></p>	<p>NOV. 4</p> <p><b>WAVES TEST</b></p> <hr style="border-top: 1px dashed black;"/> <p>Read 435-439</p>	<p>NOV. 5</p> <p>Color Lab</p> <hr style="border-top: 1px dashed black;"/> <p>Finish Lab</p>	<p>NOV. 6</p> <p>Color Mixing Filters Shadows</p> <hr style="border-top: 1px dashed black;"/> <p>Colorful Analysis</p>	<p>NOV. 7</p> <p>Finish Color Scattering Polarization</p> <hr style="border-top: 1px dashed black;"/> <p>Polar. questions</p>
<p>NOV. 10</p> <p>Finish Polarization Review</p> <hr style="border-top: 1px dashed black;"/> <p>Study for quiz</p>	<p>NOV. 11</p> <p><b>NO SCHOOL VETERANS' DAY</b></p>	<p>NOV. 12</p> <p>Color and Polarization Quiz</p> <p>Begin Kinematics</p>		

**Book Questions & Problems (10/16)**

Q 3,4,5,7,10,11,12,13 P 2,3,4

**For Monday, Oct. 20:**

- <http://www.glenbrook.k12.il.us/gbssci/Phys/Class/waves/u10l4a.html>
- <http://www.glenbrook.k12.il.us/gbssci/Phys/Class/waves/u10l4b.html>
- <http://hyperphysics.phy-astr.gsu.edu/hbase/waves/standw.html>