

**IB Physics SL Lesson Plans**  
**Week of Nov. 29, 2010**

<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Friday</b>
<b>Activities</b>	<b>Activities</b>	<b>Activities</b>	<b>Activities</b>
<ul style="list-style-type: none"> <li>- Simple pendulum</li> <li>- Energy in SHM</li> </ul>	<ul style="list-style-type: none"> <li>- Damping and forced SHM and resonance</li> <li>- Any last questions on 4.1</li> <li>- Start 4.2 (waves, transverse, longitudinal, wave pulse)</li> </ul>	<ul style="list-style-type: none"> <li>- Traveling waves and wave fronts</li> <li>- Start 4.3 principle of superposition</li> <li>- Reflection and refraction</li> </ul>	<ul style="list-style-type: none"> <li>- Reflection and refraction</li> <li>- Start 4.4 diffraction and interference</li> </ul>
<b>Homework</b>	<b>Homework</b>	<b>Homework</b>	<b>Homework</b>
# 4-1b Ch 4.1: 12 – 18	# 4-1b Ch 4.1: 20, 21, 24, 26, 29 Read 4.2	# 4-2a Ch 4.2: 1 – 8	# 4-2b Ch 4.2: 10 – 15, 20 Read 4.3
<b>Announcements</b>			
Thermal quiz next Tuesday			

**Week of Dec. 6, 2010**

<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Friday</b>
<b>Activities</b>	<b>Activities</b>	<b>Activities</b>	<b>Activities</b>
<ul style="list-style-type: none"> <li>- Continue diffraction and interference</li> <li>- Start 4.5 Doppler effect</li> </ul>	<ul style="list-style-type: none"> <li>- Continue Doppler effect</li> <li>- Standing waves</li> </ul>	<ul style="list-style-type: none"> <li>- Making beautiful music lab (<b>due Friday</b>)</li> </ul>	<ul style="list-style-type: none"> <li>- Continue standing waves and resonance</li> </ul>
<b>Homework</b>	<b>Homework</b>	<b>Homework</b>	<b>Homework</b>
# 4-3a Ch 4.3: 1 – 5, 7 - 11 Read 4.4	# 4-4a Ch 4.4: 1 – 8 Read 4.5	# 4-5a Ch 4.5: 1 – 8, 16 Making beautiful music lab ( <b>due Friday</b> )	# 4-6a Ch. 4.6: 1 – 6, 8, 10
<b>Announcements</b>			
Next week is finals time			