

Week of: March 31 – April 4

Note: Material covered in class takes precedence over these lesson plans.  
Lesson plans are subject to modification based on the students' needs.

<b>Monday</b>	<u>Objectives:</u>
	<ul style="list-style-type: none"> <li>To calculate an acid dissociation constant from concentration and pH measurements</li> <li>Arrange acids by strength according to their acid dissociation constants</li> </ul>
	<u>Activity:</u> 1) Complete the Weak Acids Notes
	<u>Follow Up/HW:</u> Weak acid / Weak Base Problems are due Wed/Th
<b>Tuesday</b>	<u>Objectives:</u>
	<ul style="list-style-type: none"> <li>To calculate a base dissociation constant from concentration and pH measurements</li> <li>Arrange bases by strength according to their base dissociation constants</li> </ul>
	<u>Activity:</u> 1) Weak Base Notes
	<u>Follow Up/HW:</u> Weak acid / Weak Base Problems are due Wed/Th
<b>Wednesday / Thursday</b>	<u>Objectives:</u>
	<ul style="list-style-type: none"> <li>Explain how acid-base titration is used to calculate the concentration of an acid or base</li> <li>Explain the concept of equivalence in neutralization reactions</li> </ul>
	<u>Activities:</u> 1) Indicator / Titration Notes and Calculations 2) Titration Lab
	<u>Follow Up/HW:</u> Titration Post Lab is Due Friday
<b>Friday</b>	<u>Objectives:</u>
	<ul style="list-style-type: none"> <li>Demonstrate with equations how buffers resist changes in pH</li> </ul>
	<u>Activity:</u> 1) Quiz: pH Calculations of Strong and Weak Acids/Bases 2) Buffers Notes
	<u>Follow Up/HW:</u> Look over / study notes