

Week of: March 10 – March 13

Note: Material covered in class takes precedence over these lesson plans.

Lesson plans are subject to modification based on the students' needs.

Monday	<u>Objectives:</u> <ul style="list-style-type: none"><li>• Explain the effects of a change in temperature, concentration, and pressure on the equilibrium of a system</li><li>• Define Le'Chatlier's Principle</li></ul>
	<u>Activity:</u> <ol style="list-style-type: none"><li>1) Le' Chatlier's Principle Notes</li></ol>
	<u>Follow Up/HW:</u> Look over / study notes
Tuesday	<u>Objectives:</u> <ul style="list-style-type: none"><li>• Compare and contrast acids and bases as defined by the theories of Arrhenius, Bronsted-Lowry, and Lewis</li><li>• Identify conjugate acid-base pairs in acid-base reactions</li></ul>
	<u>Activity:</u> <ol style="list-style-type: none"><li>1) Acid-Base Theory Notes</li></ol>
	<u>Follow Up/HW:</u>
Wednesday / Thursday	<u>Objectives:</u> <ul style="list-style-type: none"><li>• Apply Le' Chatelieir's Principle to predict the shift in equilibrium for a chemical reaction</li><li>• To name and write the formula for acids and bases</li><li>• Explain the self-ionization of water and calculate the <math>[H^+]</math> and <math>[OH^-]</math> for a solution</li></ul>
	<u>Activity:</u> <ol style="list-style-type: none"><li>1) Le Chatelieir's Principle Laboratory Experiment</li><li>2) Acid/Base Nomenclature Notes</li><li>3) Self-Ionization of Water Cornell Notes</li></ol>
	<u>Follow Up/HW:</u> <ol style="list-style-type: none"><li>1) Acid/Base Nomenclature Assignment (due Tuesday after Spring Break)</li><li>2) Study for Tuesday's Acid/Base Nomenclature Quiz</li></ol>
Friday	<u>Objectives:</u>
	<u>Activities:</u>  SCHOOL HOLIDAY – SPRING BREAK!
	<u>Follow Up/HW:</u>