

**CHEMISTRY CHECK-LIST / SCORE SHEET**  
**Unit 6**

<b>Ch.16 – Solutions</b>		
<b>Assignment</b>	√	<b>Out of</b>
Vocabulary – Ch.16		10
Worksheet: Molarity & Dilutions		10
Worksheet: Colligative Properties		10
Lab – Synthesis of a Frozen Colloid		30
Quiz – Solutions		15
<b>Ch.19 – Acids, Bases &amp; Salts</b>		
<b>Assignment</b>	√	<b>Out of</b>
Vocabulary – Ch.19		10
WS – pH and pOH		10
WS – Acid/Base Titration		10
Activity: Acid/Base Titration		20
Quiz – pH		15
<b>UNIT 6 TAKE-HOME EXAM (Chapters 16 &amp; 19)</b>		100

<b>CHAPTER 16</b>	<b>SOLUTIONS</b>	<b>p.470</b>	
16.1-16.2	Properties and Concentrations of Solutions	p.471	#1 – 23 <i>Honors: #42 – 55</i>
16.3-16.4	Colligative Properties of Solutions & Calculations	p.487	#24 – 41 <i>Honors: #56 – 65</i>

*Vocabulary List*

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|---|--|
| <ul style="list-style-type: none"> <li>• Boiling point elevation</li> <li>• Freezing point depression</li> <li>• Henry's law</li> <li>• Immiscible</li> <li>• Miscible</li> </ul> | <ul style="list-style-type: none"> <li>• Molality (<i>m</i>)</li> <li>• Molarity (<i>M</i>)</li> <li>• Saturated solution</li> <li>• Solubility</li> <li>• Unsaturated solution</li> </ul> |
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<b>CHAPTER 19</b>	<b>ACIDS, BASES &amp; SALTS</b>	<b>p.586</b>	
19.1-19.2	Acid-Base Theories, Hydrogen Ions and Acids.....p.587		#1 – 21 <i>Honors: #44 – 57</i>
19.3-19.4	Strengths of Acids and Bases and Neutralization Reactions.....p.605		#22 – 37 <i>Honors: #58 – 65</i>

*Vocabulary List*

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| <ul style="list-style-type: none"> <li>• Acid</li> <li>• Amphoteric</li> <li>• Base</li> <li>• Buffer</li> <li>• End point</li> </ul> | <ul style="list-style-type: none"> <li>• Equivalence point</li> <li>• Hydronium ion (<math>H_3O^+</math>)</li> <li>• Neutralization reaction</li> <li>• pH</li> <li>• Titration</li> </ul> |
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