

Name \_\_\_\_\_ Hour \_\_\_\_\_

**Chemistry Daily Journal**                      **Unit #   2**

**REMINDER: CHECKPOINT IS AT PROGRESS REPORTS...not being done with this chapter by then will lower your grade**

Today's Date	What did I accomplish yesterday?	What are my goals today? What sections, activities, labs do I want to get done today?

Name \_\_\_\_\_ Hour \_\_\_\_\_

## Chapter 2: Antacids

### Essential questions:

- How is science a human endeavor?
- How do scientists work to gather, analyze, communicate and validate data to form and change models?
- How does the structure of a compound determine its properties?
- How does matter undergo changes and how do we use chemical equations?
- How are mixtures different from pure substances?
- What are the characteristics of acids and bases?

Section	Objectives	Learning Resources (Check those that you complete)	Suggested completion date	Date completed
2-1	<ul style="list-style-type: none"> <li>• Define and distinguish between pure substance (elements and compounds) and mixtures (homogeneous and heterogeneous)</li> </ul>	<input type="checkbox"/> Reading guide <input type="checkbox"/> PowerPoint <input type="checkbox"/> Practice 1-1 <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		
2-2	<ul style="list-style-type: none"> <li>• Explain and practice nomenclature rules in naming chemicals: binary ionic, multi-valent ionic, polyatomic ionic and covalent</li> </ul>	<input type="checkbox"/> Reading Guide <input type="checkbox"/> PowerPoint <input type="checkbox"/> Worksheet 2-2 <input type="checkbox"/> Practice 2-2 <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		
2-3	<ul style="list-style-type: none"> <li>• Explain and practice nomenclature rules for writing chemical formulas: binary ionic, multi-valent ionic, polyatomic ionic and covalent</li> </ul>	<input type="checkbox"/> Reading Guide <input type="checkbox"/> PowerPoint <input type="checkbox"/> Worksheet 2-3 <input type="checkbox"/> Practice 2-3 <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		
2-4	<ul style="list-style-type: none"> <li>• Define and distinguish between acids and bases</li> <li>• Explain and practice nomenclature rules for naming and writing acids and bases</li> </ul>	<input type="checkbox"/> Reading Guide <input type="checkbox"/> PowerPoint <input type="checkbox"/> Worksheet 2-4 <input type="checkbox"/> Practice 2-4 <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		

Name \_\_\_\_\_ Hour \_\_\_\_\_

2-5	<ul style="list-style-type: none"> <li>Investigate characteristics of acids and bases</li> <li>Distinguish between strong and weak acids/bases</li> <li>Distinguish between concentration and strong</li> <li>Explain the pH scale and use of indicators</li> </ul>	<input type="checkbox"/> Lab 2-5 ( <b>Must complete first</b> ) <input type="checkbox"/> Reading Guide <input type="checkbox"/> PowerPoint <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		
2-6	<ul style="list-style-type: none"> <li>Define components of a chemical reaction</li> <li>Practice converting from word equations to formula equations</li> <li>Define double replacement and neutralization reactions</li> </ul>	<input type="checkbox"/> Reading Guide <input type="checkbox"/> PowerPoint 2.6 <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		
2-7	<ul style="list-style-type: none"> <li>Use the Law of Conservation of mass to explain need for balanced equations</li> </ul>	<input type="checkbox"/> Lab 2-7 ( <b>Must complete first</b> ) <input type="checkbox"/> Reading Guide <input type="checkbox"/> PowerPoint <input type="checkbox"/> Practice 2-7 <input type="checkbox"/> Worksheet 2-7 <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		
2-8	<ul style="list-style-type: none"> <li>Explain Collision Theory and relate theory to variables that affect the rate of a reaction</li> <li>Define and explain catalysts role in a reaction</li> </ul>	<input type="checkbox"/> Lab 2.8 ( <b>Must complete first</b> ) <input type="checkbox"/> Reading Guide <input type="checkbox"/> PowerPoint <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		
Final Chpt 2 Lab	<ul style="list-style-type: none"> <li>Acid/base reactions and use of indicators.</li> <li>Evaluating household products.</li> </ul>	<input type="checkbox"/> Lab ( <b>Must complete</b> )		
Review & Test	<ul style="list-style-type: none"> <li>Demonstrate knowledge from Chapter 2</li> </ul>	<input type="checkbox"/> Review section quizzes <input type="checkbox"/> Chapter 1 review <input type="checkbox"/> Discuss with peers <input type="checkbox"/> Discuss with teacher		

**REMINDER: Checkpoint is at the end of the quarter...not being done with this chapter by then will lower your grade**