# AP Summer Assignment

**Course:** AP Chemistry

<table>
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<tr>
<th>Assignment title</th>
<th>Chemistry Foundational Skills Review</th>
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<tr>
<td>Date due</td>
<td>2nd Day of Class</td>
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<tr>
<td>Estimated time for completion</td>
<td>15 to 20 hours</td>
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| Resources needed to complete assignment | ☒ School assigned textbook  
☐ Student purchased book(s)  
☐ Other supplies: ____________________________ |

**How the assignment will be assessed**

10 problems will be pre-selected at random (generally 3 from each unit) and graded out of 10 points each. All points received will be tallied for a test grade worth 100 points.

**Purpose of assignment**

☒ Review of foundational material/concepts/skills.

☐ Expose students to required material/concepts/skills/texts that cannot be covered during the academic year.

☐ Have students read material that will be discussed or used in class at the beginning of the year.
Summer AP Chemistry Assignment:

Read **Chapter One**: Chemical Foundations pages (1-30)
Answer the following questions: Page 30-37 (1-16) and (17-89 ODD)

Read **Chapter Two**: Atoms, Molecules, and Ions pages (39-69)
Answer the following questions: Page 69-75 (1-13) and (15-89 ODD)

Read **Chapter Three**: Stoichiometry pages (77-125)
Answer the following questions: Page 115-124 (1-18) and (19-95 ODD)