# Westside High School Lesson Plan

<table>
<thead>
<tr>
<th>Teacher Name:</th>
<th>Reynaldo Leija</th>
<th>Unit Name and #:</th>
<th>6: CN &amp; FW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course:</td>
<td>Chemistry I Pre-AP</td>
<td>Dates:</td>
<td>11/18/19 - 11/22/19</td>
</tr>
</tbody>
</table>

## Daily Objective/Standard:
- We will name ionic compounds containing main group or transition metals, covalent compounds, acids, and bases using International Union of Pure and Applied Chemistry (IUPAC) nomenclature rules;
- We will write the chemical formulas of ionic compounds containing representative elements, transition metals and common polyatomic ions, covalent compounds, and acids and bases;
- TEKS C.7(A), C.7(B)

## Agenda:
- Quiz #8: Trans Ionic Compounds
- Unit 5 Test Review 1: CN & FW
- Unit 5 Test Review 2: CN & FW

## CFU/Assessments
- Quiz #8: Trans Ionic Compounds
- Small Group 1: Covalent & Binary
- Small Group 2: Polyatomic Ions
- Small Group 3: Transition Metals

## Materials:
- Periodic table
- Polyatomic Ion Chart
- Laptop
- Chemistry binder
- Note-taking materials (pencil, pen, paper, notebook)

## Follow Up/HW:
- Study for Unit 5 Post-Test
<p>| Day       | Daily Objective/Standard:                                                                 | Agenda:                                                                 ---+----------------------------------------------------------------------------------------------------------------------------------+-----------------------------------------------+ | CFU/Assessments                  | Materials:                                                                                                               | Follow Up/HW:               |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------+-----------------------------------------------+------------------------------------------------------------------+-----------------------------------------------------------------|
| Tuesday   | ❖ We will name ionic compounds containing main group or transition metals, covalent compounds, acids, and bases using International Union of Pure and Applied Chemistry (IUPAC) nomenclature rules; ❖ We will write the chemical formulas of ionic compounds containing representative elements, transition metals and common polyatomic ions, covalent compounds, and acids and bases; ❖ TEKS C.7(A), C.7(B) | ▪ Chemistry Championships: Week 2 ▪ Unit 5 Post-Test                       | ▬ Learning Check: Quizizz ▬ Unit 5 Post-Test | • Periodic table • Polyatomic Ion Chart • Laptop • Chemistry binder • Note-taking materials (pencil, pen, paper, notebook) | ○ Study for Unit 5 Exam |
| Wednesday/Thursday | ❖ We will name ionic compounds containing main group or transition metals, covalent compounds, acids, and bases using International Union of Pure and Applied Chemistry (IUPAC) nomenclature rules; ❖ We will write the chemical formulas of ionic compounds containing representative elements, transition metals and common polyatomic ions, covalent compounds, and acids and bases; ❖ We will write and balance chemical equations using the law of conservation of mass; ❖ We will differentiate among double replacement reactions, including acid-base reactions and precipitation reactions, and oxidation-reduction reactions such as synthesis, decomposition, single replacement, and combustion reactions ❖ TEKS C.7(A), C.7(B) ❖ TEKS C.8(E), C.8(F) | ▪ Unit 5 Exam: Chemical Naming &amp; Formula Writing ▪ Large Group Lecture: Chemical Equations: Day 1 |</p>
<table>
<thead>
<tr>
<th>CFU/Assessments</th>
<th>Unit 5 Exam</th>
</tr>
</thead>
</table>
| **Materials:** | • Periodic table  
| | • Polyatomic Ion Chart  
| | • Laptop  
| | • Chemistry binder  
| | • Note-taking materials (pencil, pen, paper, notebook) |
| **Follow Up/HW:** | • Study for Chemistry Championships: Week 3 |

**Daily Objective/Standard:**
- We will name ionic compounds containing main group or transition metals, covalent compounds, acids, and bases using International Union of Pure and Applied Chemistry (IUPAC) nomenclature rules;
- We will write the chemical formulas of ionic compounds containing representative elements, transition metals and common polyatomic ions, covalent compounds, and acids and bases;
- TEKS C.7(A), C.7(B)

**Agenda:**
- Chemistry Championships: Week 3  
- Thanksgiving Notes

<table>
<thead>
<tr>
<th>CFU/Assessments</th>
<th>Learning Check: Quizizz</th>
</tr>
</thead>
</table>
| **Materials:** | • Periodic table  
| | • Polyatomic Ion Chart  
| | • Laptop  
| | • Chemistry binder  
| | • Note-taking materials (pencil, pen, paper, notebook) |
| **Follow Up/HW:** | • None |