<table>
<thead>
<tr>
<th>Groups &amp; Periods</th>
<th>Metals</th>
<th>Semi-Metals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paragraph #2:</td>
<td>Brief description telling me where metals are located (group numbers, color on periodic table)</td>
<td>Brief description telling me where semi-metals are located (group numbers, color on periodic table)</td>
</tr>
<tr>
<td>Give me a brief description of the organization of the periodic table. What are the groups? How many groups and what do they tell us? What are the periods? How many periods and what do they tell us?</td>
<td>* Use page 292-295</td>
<td>* Use page 292 &amp; 297</td>
</tr>
<tr>
<td>* Use Page 291 and notes</td>
<td>* Use page 295</td>
<td></td>
</tr>
<tr>
<td>Draw a picture that shows Groups and Periods on the periodic table. * Figure 2 on page 291</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Draw Picture: The stair case of the Semi- Metals and list the symbols of semi-metal elements *(look on page 293)</td>
</tr>
</tbody>
</table>

**Metallic Properties**
- List all the metallic properties
  - * Use page 295

**Lanthanide & Actinide Series**
- Brief description telling me about these elements. Why they are at the bottom, their state of matter, what else they are called.
  - * Use page 294

Choose a element from Actinide series and draw a picture that BEST describes it.
*Example Thorium
### Non- Metals

Brief description telling me where non-metals are located (group numbers, color on periodic table) and telling me what they are found in.

* Use page 293 & 296

### Halogens

Brief description telling me where halogens are located (group numbers, color on periodic table). Tell me about how they react with group 1. Magic #8

* Use page 293

### Noble Gases

Brief description telling me where the noble gases are located (group numbers, color on periodic table). What other name do they have? What does it mean?

* Use page 292 & 297

### Name of Element

Draw Picture:
Element block for a element from Nobel Gases (Not Helium) and label it.
*(look on page 293 and figure 1 page 290)

### The Periodic Table

By:
Name
Period #

Paragraph #1:
Write a short introduction to what the periodic table is (what it contains, what it tells us and how its arranged)
*Use Page 290-293

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**Non- Metals**
- Brief description telling me where non-metals are located (group numbers, color on periodic table) and telling me what they are found in.
- *Use page 293 & 296

**Halogens**
- Brief description telling me where halogens are located (group numbers, color on periodic table). Tell me about how they react with group 1. Magic #8
- *Use page 293

**Noble Gases**
- Brief description telling me where the noble gases are located (group numbers, color on periodic table). What other name do they have? What does it mean?
- *Use page 292 & 297

**Name of Element**
- Draw Picture:
  - Element block for a element from Nobel Gases (Not Helium) and label it.
  - *(look on page 293 and figure 1 page 290)*

**The Periodic Table**
- By:
  - Name
  - Period #

Paragraph #1:
- Write a short introduction to what the periodic table is (what it contains, what it tells us and how its arranged)
  - *Use Page 290-293*