

## Periodic Trends Jigsaw Rubric

Criteria	Grading Scale			
<b>Appropriate Use of Time</b> Ability to stay on task  <b>Note:</b> Playing or texting on phone will result in an automatic zero for this portion of the rubric.	<b>10</b> <b>Excellent</b> - Used time well during each class period. Focused on getting the project done. Always on task.	<b>8</b> <b>Good</b> - Used time well during each class period. Usually focused on getting the project done and was on task most of the time.	<b>6</b> <b>Satisfactory</b> - Used some of the time well during each class period. There was some focus on getting the project done but occasionally got off task.	<b>3</b> <b>Needs Improvement</b> - Did not use class time to focus on the project AND/OR was often off task.
<b>Working with Others</b> Collaboration efforts	<b>10</b> <b>Excellent</b> - Encouraged group members to work together, listened and shared ideas with the group.	<b>8</b> <b>Good</b> - Completed individual tasks and listened to ideas of others but did not share own ideas	<b>6</b> <b>Satisfactory</b> - Completed individual task with minimal effort; worked by self instead of with group	<b>3</b> <b>Needs Improvement</b> - Rarely listens to, shares with, and supports the efforts of others. Always off task.
<b>Pride</b> Individual effort	<b>10</b> <b>Excellent</b> - Work reflects the student's best efforts.	<b>8</b> <b>Good</b> - Work reflects a strong effort from the student.	<b>6</b> <b>Satisfactory</b> - Work reflects some effort from the student.	<b>3</b> <b>Needs Improvement</b> - Work reflects very little effort on the part of the student.
<b>Student Knowledge Gained</b> Personal level of understanding for assigned trend	<b>15</b> <b>Excellent</b> - Student can accurately answer 90% or greater of the questions related to facts about the assigned trend.	<b>10</b> <b>Good</b> - Student can accurately answer 80% of the questions related to facts about the assigned trend.	<b>6</b> <b>Satisfactory</b> - Student can accurately answer about 70% of questions related to facts about the assigned trend.	<b>3</b> <b>Needs Improvement</b> - Student appears to have insufficient knowledge about the facts related to the assigned trend.
<b>Google Presentation - trend down the table</b>  <b>Chemistry SOL Standard CH.2.d</b> families or groups;	<b>15</b> <b>Excellent</b> - Presentation showed how periodic trend changed within a group or family and gave several examples.	<b>10</b> <b>Good</b> - Presentation showed how periodic trend changed within a group or family and gave one example.	<b>6</b> <b>Satisfactory</b> - Presentation explained how periodic trend changed within a group or family, but did not give examples.	<b>3</b> <b>Needs Improvement</b> - Presentation did not show how the periodic trend changed within groups or families.
<b>Google Presentation - trend across the table</b>  <b>Chemistry SOL Standard CH.2.e</b> periods;	<b>15</b> <b>Excellent</b> - Presentation showed how periodic trend changed within a period and gave several examples.	<b>10</b> <b>Good</b> - Presentation showed how periodic trend changed within a period and gave one example.	<b>6</b> <b>Satisfactory</b> - Presentation explained how periodic trend changed within a period, but did not give examples.	<b>3</b> <b>Needs Improvement</b> - Presentation did not show how the periodic trend changed within a period.
<b>Class Knowledge Gained</b> Class knowledge will be based on average Kahoot score.  <b>Chemistry SOL Standard CH.2.e</b> trends including atomic radii, electronegativity, shielding effect, and ionization energy;	<b>15</b> <b>Excellent</b> - Presentation and Kahoot accurately defined trend so that >80% of classmates understand how this trend relates to the periodic table.	<b>10</b> <b>Good</b> - Presentation and Kahoot defined trend so that 70-80% of classmates understand how this trend relates to the periodic table.	<b>6</b> <b>Satisfactory</b> - Presentation and Kahoot somewhat defined trend; only 60-70% of classmates understand how this trend relates to the periodic table.	<b>3</b> <b>Needs Improvement</b> - Presentation did not define the assigned trend and/ or did not show how the periodic trend relates to periodic table. Classmates scored <60%.
<b>Individual Participation During Other Group Presentation</b>	<b>10</b> <b>Excellent</b> - Listened intently, took notes, and tried to score well on Kahoot.	<b>8</b> <b>Good</b> - Listened and tried to score well on Kahoot, but did not take notes.	<b>6</b> <b>Satisfactory</b> - Listened a bit, but did not take notes and did not seem to care about Kahoot grade.	<b>3</b> <b>Needs Improvement</b> - Does not appear to be listening and made distracting noises or movements. Did not participate in Kahoot.