

Teacher: L. George	Week of: November 14-18, 2016
Subject: 8 th Grade General Science	Week 5 Quarter 2

Monday	Tuesday	Wednesday	Thursday	Friday
<p>SPI/Check for Understanding:</p> <ul style="list-style-type: none"> • GLE 0807.Inq.5 Communicate scientific understandings using descriptions, explanations, and models • GLE 0807.9.1 Understand that all matter is made up of atoms. • GLE 0807.9.2 Explain that matter has properties that are determined by the structure and arrangement of atoms • GLE 0807.9.6 Use the periodic table to determine the characteristics of an element. 	<p>SPI/Check for Understanding:</p> <ul style="list-style-type: none"> • GLE 0807.Inq.5 Communicate scientific understandings using descriptions, explanations, and models • GLE 0807.9.1 Understand that all matter is made up of atoms. • GLE 0807.9.2 Explain that matter has properties that are determined by the structure and arrangement of atoms • GLE 0807.9.6 Use the periodic table to determine the characteristics of an element. 	<p>SPI/Check for Understanding:</p> <ul style="list-style-type: none"> • GLE 0807.Inq.5 Communicate scientific understandings using descriptions, explanations, and models • GLE 0807.9.1 Understand that all matter is made up of atoms. • GLE 0807.9.2 Explain that matter has properties that are determined by the structure and arrangement of atoms • GLE 0807.9.6 Use the periodic table to determine the characteristics of an element. 	<p>SPI/Check for Understanding:</p> <ul style="list-style-type: none"> • GLE 0807.Inq.5 Communicate scientific understandings using descriptions, explanations, and models • GLE 0807.9.1 Understand that all matter is made up of atoms. • GLE 0807.9.2 Explain that matter has properties that are determined by the structure and arrangement of atoms • GLE 0807.9.6 Use the periodic table to determine the characteristics of an element. 	<p>SPI/Check for Understanding:</p> <ul style="list-style-type: none"> • GLE 0807.Inq.5 Communicate scientific understandings using descriptions, explanations, and models • GLE 0807.9.1 Understand that all matter is made up of atoms. • GLE 0807.9.2 Explain that matter has properties that are determined by the structure and arrangement of atoms • GLE 0807.9.6 Use the periodic table to determine the characteristics of an element.
<p>Students will understand, know, be able to...</p> <ul style="list-style-type: none"> • Describe the relationship between numbers of protons and neutrons and atomic number • Use the periodic table to make models of elements <ul style="list-style-type: none"> ○ Bohr Diagram ○ Electron Dot 	<p>Students will understand, know, be able to...</p> <ul style="list-style-type: none"> • Describe the relationship between numbers of protons and neutrons and atomic number • Use the periodic table to make models of elements <ul style="list-style-type: none"> ○ Bohr Diagram ○ Electron Dot 	<p>Students will understand, know, be able to...</p> <ul style="list-style-type: none"> • Explain how elements are arranged on the modern periodic table • Describe the differences between periods and groups • Use the periodic table to make models of elements <ul style="list-style-type: none"> ○ Bohr Diagram ○ Electron Dot 	<p>Students will understand, know, be able to...</p> <ul style="list-style-type: none"> • Explain how elements are arranged on the modern periodic table • Describe the differences between periods and groups • Compare metals, metalloids, and non-metals based on their properties and on their location in the periodic table 	<p>Students will understand, know, be able to...</p> <ul style="list-style-type: none"> • Explain why elements in a group have similar properties • Describe the properties of the elements in the groups of the periodic table
<p>Learning Activities</p> <ul style="list-style-type: none"> • Science Literacy in library 	<p>Learning Activities</p> <ul style="list-style-type: none"> • Notes on Atoms and Periodic table (Bohr/Lewis) • Worksheet: <ul style="list-style-type: none"> ○ Atomic Basics • Periodic Table Part 1 and 2 • 	<p>Learning Activities</p> <ul style="list-style-type: none"> • Notes: Periodic table Types of elements • Periodic Table Project Part 1-4 • 	<p>Learning Activities</p> <ul style="list-style-type: none"> • Notes: Finish up Periodic table (periods and groups) 11.1 • Coloring periodic table worksheet <ul style="list-style-type: none"> ○ Color-coding the periodic table • Periodic Table Part 3 and 4 	<p>Learning Activities</p> <ul style="list-style-type: none"> • Notes: Chapter 11.2 • Periodic Table Part 6 and 7
<p>Assignments</p> <ul style="list-style-type: none"> • Article summary due 	<p>Assignments</p> <ul style="list-style-type: none"> • HW: read over notes • Finish worksheet 	<p>Assignments</p> <ul style="list-style-type: none"> • Work on project • Read over notes 	<p>Assignments</p> <ul style="list-style-type: none"> • HW: color coding periodic table • Work on project 	<p>Assignments</p> <ul style="list-style-type: none"> • Quiz on Monday • Periodic Table due Tuesday (Lab Grade)