

Davis - 7th Grade Science

Week of November 14-18 and November 21-22, 2016

Day	In Class/Learning Targets	HW/Reminders
<p>Monday 11-14</p> <p>I can understand how the Periodic Table is organized.</p>	<p>See Math and Science</p> <ol style="list-style-type: none"> 1. Return quiz 2. Who is Dmitri Mendeleev? Link on website 3. Periodic Table - Observe p. 80-81 in textbook 4. Color Periodic Table based on metals, non-metals, and metalloids 5. Start Simply Symbols (not HW) 	<p>Bring bag lunch tomorrow!</p> <p>Success Criteria *80% or higher on organizing the elements *Locating and correctly coloring metals, non-metals, and transition metals on Periodic Table</p>
<p>Tuesday 11-15</p>	<p>7th Grade Field Trip To Meadow Brook</p>	<p>Bring bag lunch!</p>
<p>Wednesday 11-16</p> <p>I can understand how the Periodic Table is organized.</p>	<p>See Math and Science</p> <ol style="list-style-type: none"> 1. Organizing elements page 2. Group 1, 2, 17 and 18 Periodic Table Color Key and notes 3. Finish Simply Symbols & check 4. Vocabulary Builder 	<p>Conferences Tonight 5-8 pm</p> <p>Success Criteria *80% or higher on organizing the elements *Identifying all elements in Simply Symbols</p>
<p>Thursday 11-17</p> <p>I can understand how the Periodic Table is organized.</p>	<p>Block Schedule-Even Day (2,4)</p> <ol style="list-style-type: none"> 1. Periodic Table Scavenger Hunt 2. Physical and Chemical Properties of Metals - Add to notebook <u>Malleability/Ductility</u> https://www.youtube.com/watch?v=c382ziUpbbc 3. The Most Reactive Metals <u>Alkali Metals</u> https://www.youtube.com/watch?v=uixxJtJPVXk 4. Metals vs. Nonmetals WS 	<p>Conferences Tonight 2-4 pm</p> <p>Success Criteria: *Students will earn 15 out of 20 on the scavenger hunt. *Students will know the difference between the properties of metals vs. non-metals.</p>
<p>Friday 11-18</p>	<p>Block Schedule-Odd Day (3, 5)</p>	<p>Guest Teacher - Ms. Delaney</p>

	See Thursday	BE GOOD!
<p>Monday 11-21</p> <p>I can understand how the Periodic Table is organized.</p>	<p>Block Schedule - Odd Day(3, 5)</p> <ol style="list-style-type: none"> 1. Meet the Elements Song - Element Song 2. Research element on the periodic table and complete mini poster <p>Helpful websites: http://elements.wlonk.com/ElementsTable.htm http://www.ducksters.com/science/elements.php</p>	<p>Guest Teacher - Ms. Delaney BE GOOD!</p> <p>Success Criteria: *Students will complete research accurately & mini poster.</p>
<p>Tuesday 11-22</p>	<p>Block Schedule - Odd Day(2, 4)</p> <p>See Tuesday</p>	<p>No School W-F Happy Thanksgiving!</p>

Standards Covered This Week:

MS-PS1-1 Develop models to describe the atomic composition of simple molecules and extended structures.

PS1.A: Disciplinary Core Ideas

- Substances are made from different types of atoms, which combine with one another in various ways. Atoms form molecules that range in size from two to thousands of atoms.
- Gases and liquids are made of molecules or inert atoms that are moving relative to each other.
- In a liquid, the molecules are constantly in contact with others; in a gas, they are widely spaced except when they happen to collide. In a solid, atoms are closely spaced and may vibrate in position but do not change relative locations
- Solids may be formed from molecules, or they may be extended structures with repeating subunits (e.g., crystals).
- The changes of state that occur with variations in temperature or pressure can be described and predicted using these models of matter.

MS-PS1 Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.

PS1.A: Disciplinary Core Ideas

Structure and Properties of Matter

- Each pure substance has characteristic physical and chemical properties (for any bulk quantity under given conditions) that can be used to identify it.

Patterns

- Macroscopic patterns are related to the nature of microscopic and atomic-level structure.