7th Grade Science Agenda- Mrs. Sharon

Week of November 14, 2016

Day	In Class/Learning Targets	HW/Reminders
Monday 11-14 *I can understand how the Periodic Table is organized.*	**See Math and Science** **Check: Organizing the Elements** 1. Periodic Table -Observe p. 80-81 in textbook -Color Periodic Table based on metals, non-metals and metalloids 2. Cut/Glue into Notebook 3. Start Simply Symbols (not HW)	**Success Criteria** *80% or higher on organizing the elements *Locating and correctly coloring metals, non-metals, and transition metals on Periodic Table
Tuesday 11-15	**7th Grade Field Trip To Meadow Brook**	
Wednesday 11-16 *I can understand how the Periodic Table is organized.*	**See Math and Science** 1. Group 1, 2, 17 and 18 Periodic Table Color Key and notes 2. Cut/Glue Color Key into notebooks 3. Periodic Table Vocabulary Builder in notebooks 4. Finish Simply Symbols **Conferences Tonight 5-8 pm**	**Success Criteria** *Locating and correctly coloring Group 1, 2, 17 and 18 on Periodic Table *Identifying all elements in Simply Symbols
Thursday 11-17 *I can understand how the Periodic Table is organized.*	**Block Schedule-Even Day (2, 4, 6)** **Check: Simply Symbols** 1. Physical and Chemical Properties of Metals (text p. 87-92) Add to notebook Malleability/Ductility https://www.youtube.com/watch?v=c382ziUpbbc 2. The Most Reactive Metals -Alkali Metals https://www.youtube.com/watch?v=uixxJtJPVXk	Finish Metals vs. Nonmetals WS **Success Criteria:** *Earning 80% or higher on Metals vs. Nonmetals WS **Conferences Tonight 2-4 pm**

	3. Metals vs. Nonmetals WS	
Friday 11-18 *I can understand how the Periodic Table is organized.*	**Block Schedule-Odd Day (1, 3, 7)** See Thursday!	**Success Criteria:** *Earning 80% or higher on Metals vs. Nonmetals WS

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-PS1-2. 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.