7th Grade Science Agenda- Mrs. Sharon

Week of November 21, 2016

Day	In Class/Learning Targets	HW/Reminders
Monday 11-21 *I can understand how the Periodic Table is organized.*	**Block Schedule (1, 3, 7)** **Check: Metals vs. NonMetals** 1. **Element Research-Mini Poster** Poster Due: November 28/29 Helpful websites: **http://elements.wlonk.com/ElementsTable.htm** **http://www.ducksters.com/science/elements.php**	You need your laptop! **Success Criteria** Accurately completing element research and mini poster
Tuesday 11-22	**Block Schedule (2, 4, 6)** **See Monday**	
Wednesday 11-23	**No School**	
Thursday 11-24	**No School** **Happy Thanksgiving!**	
Friday 11-25	**No School**	

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.