

Davis - 7th Grade Science Agenda

Week of December 19, 2016

Day	In Class/Learning Targets	HW/Reminders
Monday 12-19 <i>I can identify physical and chemical properties of matter before and after chemical reactions.</i>	Block Schedule-Odd Day (3,5) <ol style="list-style-type: none">1. Calculating the total mass of reactants and products2. Go over study guide3. Chemistry Unit Test4. Holiday Crystal Lab - Dry Crystals5. Binder Check	
Tuesday 12-20	Block Schedule-Even Day (2, 4) See Monday	
Wednesday 12-21 <i>I can identify physical and chemical properties of matter before and after chemical reactions.</i>	See All Classes <ol style="list-style-type: none">1. Wrap crystals and take home2. Periodic Table Holiday Picture3. Finish binder checks	
Thursday 12-22	WINTER BREAK No School	
Friday 12-23	WINTER BREAK No School Have a fun, safe and relaxing break with your families! Merry Christmas and Happy New Year!	See you next year! Classes resume January 4, 2017.

Standards Covered This Unit:

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-PS.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.