Maureen M. Drees

Chemistry Lesson Plans

May 14-18, 2018

Note: Wednesday is a 2:25 dismissal for professional development.

Essential concepts and skills emphasized in the week’s lessons will be highlighted.

Disciplinary Core Ideas

Life Science

1. From molecules to organisms: Structures and processes

2. Ecosystems: Interactions, energy, and dynamics

3. Heredity: Inheritance and variation of traits

4. Biological Evolution: Unity and diversity

Earth and Space Science

1. Earth’s place in the universe
2. Earth’s systems
3. Earth and human activity

Physical Science

1. **Matter and its interactions**
2. Motion and stability: Forces and interactions
3. Energy
4. Waves and their applications in technologies for information transfer

Science and Engineering Practices

1. Asking questions and defining problems
2. Developing and using models
3. Planning and carrying out investigations
4. **Analyzing and interpreting data**
5. **Using mathematics and computational thinking**
6. Constructing explanations and designing solutions
7. Engaging in argument from evidence
8. **Obtaining, evaluating, and communicating information**

Cross-Cutting Concepts

1. Patterns
2. Cause and effect
3. **Scale, proportion, and quantity**
4. Systems and system models
5. **Energy and matter**
6. Structure and function
7. Stability and change

Monday—

* 1. Practice Chapter 9 Vocabulary
  2. Continue work on Chapter 9 Study Guide

Tuesday—

* + 1. Check Chapter 9 Study Guide
    2. Prepare for Chapter 9 Test—Stoichiometry—for Wednesday and Thursday—may use stoichiometry flow chart, periodic table, pencil, and calculator, must do vocabulary on the first day, will continue test on second day

Wednesday—shortened periods

1. Chapter 9 Test-Stoichiometry, must do vocabulary today

Thursday—

1. Chapter 9 Test--Stoichiometry

Friday—

* + - 1. Go over Chapter 9 Test, journal, semester grade to this point
      2. Add Chapter 9 Test to folder of old tests
      3. Preview Semester Test for Wednesday and Thursday
      4. Vocabulary Review Worksheet, due Monday
      5. Begin Problems and Questions Review Worksheet, due Tuesday