Maureen M. Drees

Chemistry Lesson Plans

May 7-11, 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. Check WS 2-3
  2. Notes—Limiting Reactant and Excess Reactants
  3. PE 1-3 pg 314

Tuesday—

* + 1. Check PE 1-3 pg 314
    2. Model, guided practice—Calculating Percentage Yields
    3. PF 1-3 pg 317

Wednesday—shortened periods

* + - 1. Check PF 1-3 pg 317
      2. Model, guided practice—Calculating Actual Yield
      3. PG 1-3 pg 318

Thursday—

* + - * 1. Check PG 1-3 pg 318
        2. WS 6-8

Friday—

Check WS 6-8

Preview Chapter 9 Test—Stoichiometry—using study guide (may use stoichiometry graphic organizer, periodic table, calculator on test), test will be Wednesday and Thursday

Students complete study guide for Tuesday (will also work on Monday)