Maureen M. Drees

Chemistry Lesson Plans

April 16-20, 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. Identify Types of Reactions notes
  2. SR 8-10 pg 285

Tuesday—

* + 1. Check SR 8-10 pg 285
    2. Use Note Taking Guide to structure learning about Writing Net Ionic Equations

Wednesday—shortened periods

* + - 1. Finish last examples of Net Ionic Equations on note taking guide, if needed
      2. WS 8-9, do one together and then rest individually

Thursday—

* + - * 1. Check WS 8-9
        2. Draw numbers to practice vocabulary
        3. Popcorn Read Chapter Highlights page 291
        4. Preview Chapter 8 Test—Chemical Reactions and Equations—for Tuesday and Wednesday
        5. Chapter 8 Chapter Review—PP 32, 33, 35, 38a, 39a, 40a, 41, 46, 47 pgs 293-5 due Monday

Friday—

Go Fishing

Continue working on Chapter Review assignment