Maureen M. Drees

Chemistry Lesson Plans

April 23-27, 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 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 Thursday and Friday
  5. Chapter 8 Chapter Review—PP 32, 33,35, 38a, 39a, 40a, 41, 46-47 pgs 293-5 due Wednesday

Tuesday—

* + 1. Go Fishing
    2. Continue working on Chapter Review assignment

Wednesday—shortened periods

* + - 1. Check Chapter 8 Chapter Review assignment
      2. Practice vocabulary for test
      3. Answer questions about test, must do vocabulary on first day, will finish test on second day, can use periodic table and content frame

Thursday—

* + - * 1. Chapter 8 Test—Chemical Reactions and Equations (must do vocabulary today
        2. Will finish tomorrow

Friday—

Chapter 8 Test—Chemical Reactions and Equations

Read/work quietly