Maureen M. Drees

Chemistry Lesson Plans

December 4-8, 2017

Note: Tuesday afternoon Mr. Zobel will substitute while I’m at the DLT meeting. Wednesday is a 1:25 dismissal.

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. Element of the Day
  2. Check 4.3 Anticipation Guide and 4.3 Study Guide
  3. Begin to take notes over Trends of the Periodic Table using props and note taking guide

Tuesday—Allen

* + 1. Element of the Day
    2. Finish taking notes over Trends of the Periodic Table
    3. Chapter 4 Vocabulary WS

Wednesday—shortened schedule

* + - 1. Element of the Day
      2. Check Chapter 4 Vocabulary WS
      3. Popcorn Read Chapter Highlights page 149
      4. Preview Chapter 4 Test—The Periodic Table—for Monday
      5. SR 1,3,4,6,7 pg 122 + SR 1,3,4,6,8 pg 131 + SR 2,4,8,9 pg 141 due Friday, will work on Thursday

Thursday—

* + - * 1. Element of the Day
        2. Go Fishing
        3. Continue working on Chapter Review

Friday—

Element of the Day

Check CR

Prepare for test together