Maureen M. Drees

Chemistry Lesson Plans

November 13-17, 2017

Note: Tuesday afternoon I’ll be at the DLT meeting. Ann Zaiger is my substitute. 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. Element of the Day
  2. Check SR 1-10 pg 104
  3. Draw numbers for vocabulary
  4. Popcorn Read Chapter Highlights page 106
  5. Preview Chapter 3 Test—Atoms and Molecules—for Friday and Monday

Tuesday—Ann

* + 1. Element of the Day
    2. CR 1-3, 5, 7-11, 13-15, 18, 23-24, 26, 32-56 pgs 107-109 due Thursday, work on Wednesday as well

Wednesday—shortened schedule

* + - 1. Go Fishing
      2. Continue to work on Chapter Review due Thursday

Thursday—

1. Element of the Day

1. Check CR
2. Remind students of procedures for two-day test including Friday in the ICN room, answer questions

Friday—

* + - * 1. First part of Chapter 3 Test—Atoms and Molecules, hand in when finished (take in ICN room with no periodic tables on wall)
        2. Get out periodic table, calculator, begin second part of Chapter 3 Test