Maureen M. Drees

Chemistry Lesson Plans

September 18-22, 2017

Note: Wednesday is a 2:25 dismissal for professional development. Friday afternoon is Homecoming.

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 WS 5-6
  3. Read Chapter 1 Highlights pg 30 popcorn fashion
  4. Preview Chapter 1 Test for Tuesday
  5. Chapter 1 Vocabulary WS

Tuesday—

1. Element of the Day
2. Check Chapter 1 Vocabulary WS
3. Section Review 1-8 pg 28 + WS 3-4

Wednesday—shortened schedule

1. Element of the Day
2. Check SR 1-8 pg 28 + WS 3-4
3. Go Fish

Thursday—

1. Element of the Day
2. Draw numbers to practice vocabulary
3. CR 2-4, 14-16, 26-29, 31ab, 32 pgs 31-2 due Monday

Friday—may adjust period (will most likely miss last week or this week due to Homecoming)