Maureen M. Drees

Chemistry Lesson Plans

October 9-13, 2017

Note: Tuesday afternoon is District Leadership Team meeting. 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 Adding and Subtracting Sig Dig WS
  3. Notes—Significant Digits in Operations, Multiplying and Dividing
  4. WS—Multiplying and Dividing Sig Dig

Tuesday—Substitute

* + 1. Element of the Day
    2. Check Multiplying and Dividing Significant Digits WS
    3. Journal—Things to remember when working with significant digits
    4. WS 5-6, set up a few together

Wednesday—shortened schedule

1. Element of the Day
2. Check WS 5-6
3. CR 11, 13-14, 17-31, 40-42, 44-45 pgs 66-69 due Friday, will work on in class on Thursday

Thursday—

1. Element of the Day
2. Preview Chapter 2 Test—Matter and Energy—for Tuesday
3. Continue to work on Chapter Review

Friday—

* + - 1. Element of the Day
      2. Draw numbers to practice Vocabulary
      3. Check Chapter Review