Maureen M. Drees

Chemistry Lesson Plans

March 12-16, 2018

Note: This week will be Parent-Teacher-Student Conferences. Monday and Wednesday will be full days. Tuesday and Thursday have 2:25 dismissals. There is no school on Friday.

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 4,5
  3. WS 1,2,3

Tuesday—shortened periods

* + 1. Element of the Day
    2. Check WS 1,2,3
    3. Notes—Using a chemical formula to determine percentage composition
    4. PI 1-5 pg 248 (omit 4 cd)

Wednesday—

* + - 1. Element of the Day
      2. Check PI 1-5 pg 248 (omit 4 cd)
      3. WS 6-8

Thursday—shortened periods

* + - * 1. Element of the Day
        2. Check WS 6-8
        3. Bubblegum Lab
        4. Chapter 7 Vocabulary and Chapter Highlights

Friday—doesn’t meet