Maureen M. Drees

Chemistry Lesson Plans

December 18-22, 2017

Note: Wednesday and Thursday will be semester tests. Friday is a 1:00 dismissal for Christmas break.

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 Semester Test Vocabulary Review WS
  3. Draw numbers to practice vocabulary
  4. Review concepts and problems for semester test

Tuesday—

* + 1. Element of the Day
    2. Go Fishing for Semester Test Vocabulary
    3. Continue to review concepts and problems for semester test

Wednesday—semester tests

* + - 1. Begin semester test, must do vocabulary today
      2. May star up to three problems not to check

Thursday—semester tests

1. Hand in folder of old tests

2. Finish semester test

* + - 1. Read or work quietly

Friday—severely shortened schedule

Go over semester test

See semester grade

Christmas plans