Maureen M. Drees

General Science 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. Check Chapters 2 and 3 of Semester Test Review
  2. Go Fishing for Chapters 2 and 3
  3. Pull Numbers to Practice Chapters 2 and 3 Vocabulary Words
  4. Popcorn Read
  5. Students complete Chapters 4 and 5 of Semester Test Review (use book, not old tests)

Tuesday—

* + 1. Check Chapters 4 and 5 of Semester Test Review
    2. Go Fishing for Chapters 4 and 5 Vocabulary Words
    3. Pull Numbers to Practice Chapters 4 and 5 Vocabulary Words
    4. Popcorn Read
    5. Students pick 2 vocabulary words that are the hardest to remember or keep straight
    6. Students write words, use in a sentence, and illustrate both of their words

Wednesday—semester tests

* + - 1. Students share out and hand in their vocabulary words used in a sentence and their illustrations
      2. Pull numbers for Chapters 1 and 2 Vocabulary Words
      3. Go Fishing for Chapter 3 Vocabulary Words
      4. Pull numbers for Chapters 4 and 5 Vocabulary Words

Thursday—semester tests

* + - * 1. Hand in folder of old tests
        2. Semester test
        3. Read or work quietly

Friday—severely shortened schedule

Go over semester test

See semester grades

Read or work quietly