Maureen M. Drees

Physical Science Lesson Plans

December 11-15, 2017

Note: Wednesday is a 2:25 dismissal.

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 Chapter 5 Vocabulary WS
  2. Popcorn Read
  3. Chapter Review 1-20 pages 132-133 (set up concept map together)

Tuesday—

* + 1. Check CR 1-20 pages 132-133
    2. Hand out folder of old tests, will need to hand in day of semester tests
    3. Prepare for Chapter 5 Test together

Wednesday—shortened schedule

* + - 1. Chapter 5 Test—Motion and Forces (put equations on board)
      2. Read or work quietly

Thursday—

* + - * 1. Go over Chapter 5 Test, Journal
        2. See semester grades to this point
        3. Clean out folders, save periodic table
        4. Within folder of old test, highlight which vocabulary words and math problems need to be studied for semester test
        5. Share which math formulas will be written on board for semester test
        6. Go Fishing for Chapter 1 and 2 Vocabulary Words

Friday—

Go Fishing for Chapters 3,4,and 5 Vocabulary Words

Vocabulary Review due Monday