Maureen M. Drees

Physics Lesson Plans

May 7-11, 2018

Note: 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. Go Fish
  2. Finish working on Semester Test Numerical Review, show Mrs. Drees completed work by end of class
  3. Prepare for semester test

Tuesday—

1. Semester test, must do vocabulary today

Wednesday—shortened periods

* + 1. Continue semester test
    2. Hand in folder of old tests

Thursday—

* + - 1. Go over semester test, semester grade to this point
      2. Hand in cleaned out books
      3. Use snowfall analogy to introduce the Higgs Particle
      4. Students begin to read “At the Heart of All Matter”

Friday—

* + - * 1. Continue reading “At the Heart of All Matter”
        2. Answer discussion questions
        3. Pose an additional question that Mrs. Drees failed to ask on an index card, ask for evidence
        4. Record the answer and evidence for the question on discussion questions, will use in our discussion on Monday