Maureen M. Drees

Physics Lesson Plans

October 16-20, 2017

Note: Wednesday afternoon is a 2:25 dismissal for teacher work time.

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 PF 1-3 pg 64
  2. Examine results of Reaction Times Mini Lab
  3. Popcorn Read pg 67
  4. Go Fish—Chapter 2 Vocabulary
  5. Preview Chapter 2 Test—Motion in One Dimension—for Monday through Wednesday

Tuesday—

* + 1. Practice vocabulary and cloze
    2. CR 12-16, 19-21, 26, 30-31, 36-37, 39-41 pgs 69-72 due Friday

Wednesday—shortened schedule

1. CR 12-16, 19-21, 26, 30-31, 36-37 39-41 pgs 69-72 due Friday

Thursday—

* + - 1. Practice vocabulary and cloze
      2. Continue working on CR

Friday—

* + - * 1. Check CR
        2. Prepare for Chapter 2 Test—Motion in One Dimension