Maureen M. Drees

Physics Lesson Plans

November 27-December 1, 2017

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. Check Car Driven Off Cliff WS
  2. Notes—Relative Velocities and Boat Problems
  3. PF 1-4 pg 105 + Boat Problem WS

Tuesday—

* + 1. Check PF 1-4 pg 105 + Boat Problem WS
    2. Practice vocabulary and cloze
    3. Preview Chapter 3 Test—Motion in Two Dimensions—for Monday through Wednesday
    4. CR 2,4,11,13,16,17 pgs 108-109; SR 2 pg 85 (graphically); PB 3 pg 92; PC 3 pg 94; PD 1 pg 99; PE 3 pg 101; SR 3 pg 101; PF 3 pg 105 due (Note on #17—will need to list steps to solve NSEW problems, should have somewhere between 6 and 10) due Friday

Wednesday—shortened schedule

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

Thursday—

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

Friday—

Check Chapter Review

Prepare for Chapter 3 Test—Motion in Two Dimensions—for Monday through Wednesday