Maureen M. Drees

Physics Lesson Plans

January 22-26, 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. Check Net Forces II WS
  2. PE 1,3 pg 141 + SR 1-5 (omit 3b) pg 143, begin to set up PE together

Tuesday—

* + 1. Check PE 1,3 pg 141 + SR 1-5 pg 143
    2. Preview Chapter 4 Test—Forces and Motion—for Monday, Tuesday, Wednesday
    3. SR 1,2,5 pg 124 + PB 1 pg 128 + SR 3 pg 129 + PC 2,4 pg 132 + PD 2 pg 139 + PE 1 pg 141 + SR 2 pg 143 + CR 1,2,5,6,17,32,34,36,45 pgs 145-158 due Friday, work on Wednesday and Thursday as well

Wednesday—shortened periods

* + - 1. Practice vocab and cloze
      2. Continue to work on CR

Thursday—

* + - * 1. Go Fishing
        2. Practice cloze
        3. Continue to work on CR

Friday—

Check CR

Prepare for Chapter 4 Test together