Maureen M. Drees

Physics Lesson Plans

April 23-27, 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 Chapter 8 WS 2
  2. Practice vocabulary and popcorn read
  3. Preview Chapter 7 Test—Circular Motion and Gravitation—for Friday, Monday, Tuesday
  4. Chapter Review—PA 1,3 pg 236 + PB 2,4 pg 238 + SR 1,3 pg 239 + PC 2 pg 242 + SR 1,4 pg 247 + SR 2,6,7 pg 253 + PE 1,3 pg 258 + SR 2,4,6,7 pg 261 + CR 2,4,13,20,23,30 pgs 263-4 + CR 47 pg 266 + Moon has a period of 3.41 days and a radius of 2.89 a.u. while Moon B has a period of 7.54 days. What is moon B’s radius? List the six types of simple machines and two examples of each.

Tuesday—

* + 1. Practice vocabulary and cloze
    2. Work on Chapter Review

Wednesday—shortened periods

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

Thursday—

* + - * 1. Check Chapter 7 Chapter Review, worth up to 20 points
        2. Answer questions about Friday through Tuesday’s test
        3. Practice vocabulary and cloze
        4. Prepare for test together

Friday—

Chapter 7 Test—Circular Motion and Gravitation (must do vocabulary and cloze today)

Continue Monday, Tuesday