Maureen M. Drees

Physics Lesson Plans

October 23-27, 2017

Note: Tuesday and Thursday are 2:25 dismissals for conferences. There isn’t school on Friday.

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. Ch 2—Motion in One Dimension—Test
  2. Vocabulary and cloze must be done today
  3. Continue on Tuesday and Wednesday

Tuesday—shortened schedule

1. Continue Ch. 2 Test

Wednesday—

* + 1. Finish Ch. 2 Test
    2. Read or work quietly

Thursday—shortened schedule

* + - 1. Go over Ch 2 Test—Motion in One Dimension
      2. Semester grades to this point
      3. Clean out folders, save Kinematic WS
      4. Read Driving to Detroit—Acceleration and complete structured notes over the effects of acceleration on body plus HOT question of own on note card, answer on notes

Friday—doesn’t meet