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Physical Science Lesson Plans

October 23-27, 2017

Note: Tuesday and Thursday are 2:25 dismissals for conferences. There is no 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. Preview Chapter 3 Test—States of Matter—for Thursday
  2. Go Fish
  3. Popcorn Read pages 74-75
  4. Vocabulary WS

Tuesday—shortened schedule

* + 1. Check Vocabulary WS
    2. Chapter Review 1-17 pages 76-77, set up 17 together

Wednesday—

* + - 1. Check Chapter Review 1-17 pgs 76-77
      2. Draw numbers for vocabulary
      3. Questions about Thursday’s test
      4. Prepare for test together
      5. Reminder to bring DEAR book or homework for after test

Thursday—shortened schedule

* + - * 1. Chapter 3 Test—States of Matter, equations on board
        2. Read or work quietly

Friday—doesn’t meet