Maureen M. Drees

Physical Science Lesson Plans

December 18-22, 2017

Note: Wednesday and Thursday will be semester tests. Friday is a 1:00 dismissal for Christmas break.

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 Vocabulary Review WS
	2. Math Review Assignment, equations are written on old test folder

Tuesday—

* + 1. Check Math Review Assignment
		2. Review how semester test will work
		3. Practice math problems that students need to review more
		4. If time, draw numbers for vocabulary

Wednesday—semester tests

* + - 1. Math Part of Semester Test
			2. Read or work quietly

Thursday—semester tests

* + - * 1. Hand in folder of old tests
				2. Vocabulary Part of Semester Test
				3. Read or work quietly

Friday—severely shortened schedule

Go over semester test

See semester grades

Share Christmas plans