



Mr. Sharp

8th and 9th Grade Science

Monday, Nov 10th thru Friday, Nov 14th

Picture of the Week



8th Topic: Evolution and Natural Selection

9th Topic: Acids and Bases

Learning Target I will...

8th:

LT1 Evaluate and analyze the fossil record to determine how life and environmental conditions have changed throughout Earth's history.

LT 2 Predict how changes in environmental conditions will affect how beneficial a trait will be for the survival and reproductive success of an organism or an entire species.

LT 3 Explain the progression of life and extinction of a species throughout Earth's history due to environmental changes.

LT 4 Relate the beneficial traits individual organisms have to their ability to survive and reproduce in a changed environment.

LT 5 Describe that most species (approximately 99 percent) that have lived on Earth are now extinct

9th:

Explain the role of energy in chemical reactions

Explain the factors that cause reaction rates to change

Compare/Contrast chemical bonds during a chemical reaction

Key Vocabulary to Know:

8th:

9th: Vocab

Standards:

8th: Diversity of species occurs through gradual processes over many generations. Fossil records provide evidence that changes have occurred in number and types of species.

9th: CH. 7 Chemical Reactions

	<table><tr><th>In Class Live Lesson Content/Teaching</th><th>Graded Assignments (In google Classroom)</th></tr><tr><td>Monday (11/10) 1. Question of the Day 2. Intro Video 3. Theory of Evolution (Think Central) 4. ScienceSaurus Questions </td><td> *Sciencesaurus Questions *Adaptation of Human Hand </td></tr><tr><td>Tuesday(11/11) 1. Question of the Day 2. Review Slides 3. Adaptation of Human Hand </td><td> *Peppered Moth Simulation *Genetic Disorder Project </td></tr><tr><td>Wednesday(11/12): Hockey Game</td><td></td></tr><tr><td>Thursday (11/13) 1. Question of the Day 2. Natural Selection Virtual Lab(Go over as a Class) 3. Peppered Moth Simulation </td><td></td></tr><tr><td>Friday(11/14) 1. Question of the Day 2. Netflix Episode 1 Life on Earth </td><td></td></tr></table>	In Class Live Lesson Content/Teaching	Graded Assignments (In google Classroom)	Monday (11/10) 1. Question of the Day 2. Intro Video 3. Theory of Evolution (Think Central) 4. ScienceSaurus Questions	*Sciencesaurus Questions *Adaptation of Human Hand	Tuesday(11/11) 1. Question of the Day 2. Review Slides 3. Adaptation of Human Hand	*Peppered Moth Simulation *Genetic Disorder Project	Wednesday(11/12): Hockey Game		Thursday (11/13) 1. Question of the Day 2. Natural Selection Virtual Lab(Go over as a Class) 3. Peppered Moth Simulation		Friday(11/14) 1. Question of the Day 2. Netflix Episode 1 Life on Earth	
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9th Physical Science

In Class Live Lesson

Content/Teaching

Monday (11/10)

1. Question of the Day
2. [Properties of Acids and Bases](#)
3. [Guided Notes](#)
4. [Video](#)

Graded Assignments (In google Classroom)

*Ch. 8 and 9 Vocab

*Webquest

Tuesday(11/11)

1. Question of the Day
2. [Review Slides](#)
3. [Acid and Base Webquest](#)

*Acid and Base Lab

Wednesday(11/12): Hockey Game

Thursday (11/13)

1. Question of the Day
2. Acids and Base Lab [Teacher](#)
[Student](#)
3. Follow up [Video](#)

Friday(11/14)

1. Question of the Day
2. Vocabulary Sheet Ch. 8 and 9
- 3.
4. Review Worksheet Student
Teacher
5. Blooket Review

Additional Learning Tools		
Evidence of Learning Graded Activity These assignments are posted in classwork tab in google classroom.	*Sciencesaurus Questions *Adaptation of Human Hand *Peppered Moth Simulation *Genetic Disorder Project *Ch. 8 and 9 Vocab *Ed Puzzle *Webquest *Acid and Base Lab	