Unit One:

Energy!!!!

Jun 17-9:13 PM

Oct 4-1:37 PM

Aug 27-9:42 AM

Energy Vocab

1.) Nonrenewable: a natural resource that is NOT replaced after it's been used.

2.) Renewable: a resource that's naturally replaced in a short time.

3.) Energy: The ability to cause, change, or do work.

4.) Mechanical Energy: Energy of an object due to its position, motion, or both.

5.) Electrical Energy: Energy of electrical charges as a result of their position or motion.

6. Gravitational Potential Energy: Energy gained by an object because of The increase of height

Sep 27-2:48 PM

Energy Vocab

6.) Chemical Energy: Energy stored in the chemical bonds of molecules.

7.) Nuclear Energy: Energy that is released by either splitting atomic nuclei (Fission) or by forcing the nuclei of atoms together (Fusion).

8.) Radiant Energy: Energy in the form of electromagnetic waves (ex. light energy).

9.) Thermal Energy: Energy due to the vibration of molecules (ex. heat energy).

10.) Acoustic Energy: Energy that you can hear (ex. sound energy).

11.) Energy Transformation: A change in energy from one form to another.

Sep 27-2:48 PM

Energy Vocab

12.) Conservation of Energy: Energy cannot be created or destroyed but MAY be changed from one form to another.

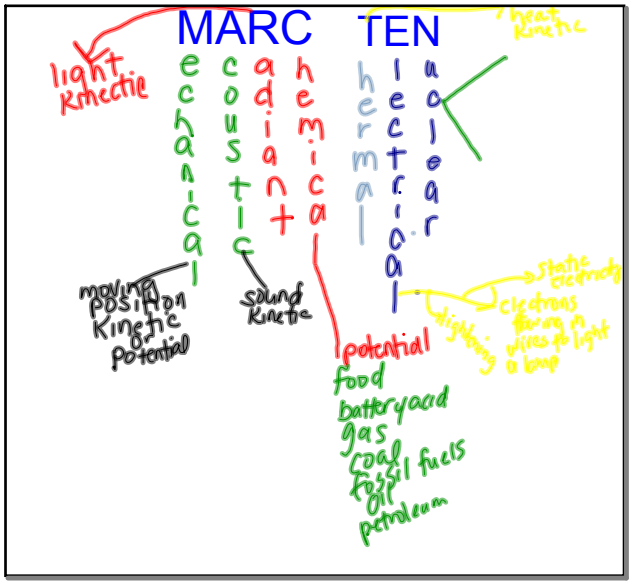
13.) Potential Energy: Energy stored in an object due to its position.

14.) Kinetic Energy: Energy that a moving object has (energy of motion).

7 forms of energy... how to remember:

Sep 27-2:48 PM

Oct 8-9:41 AM



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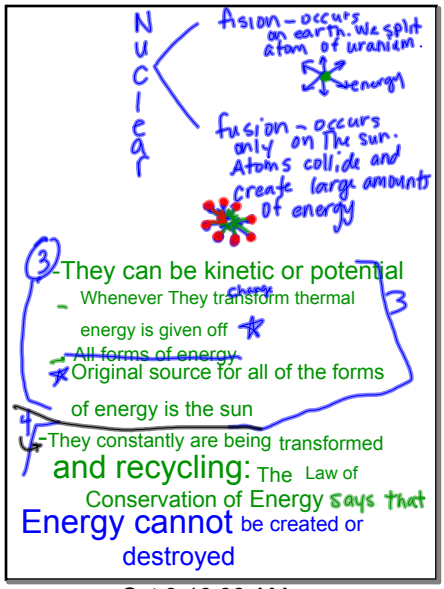

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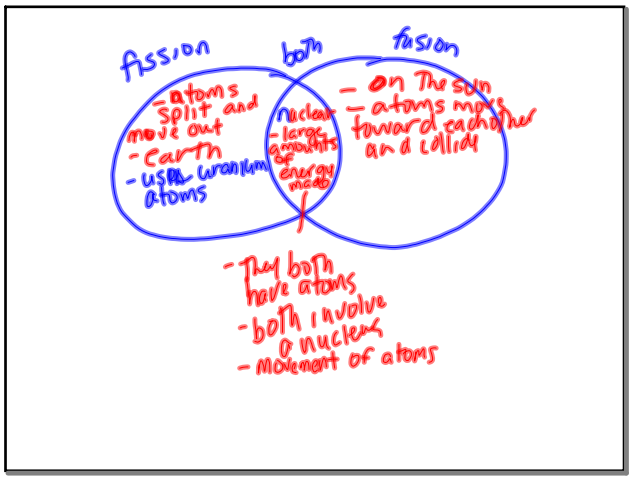
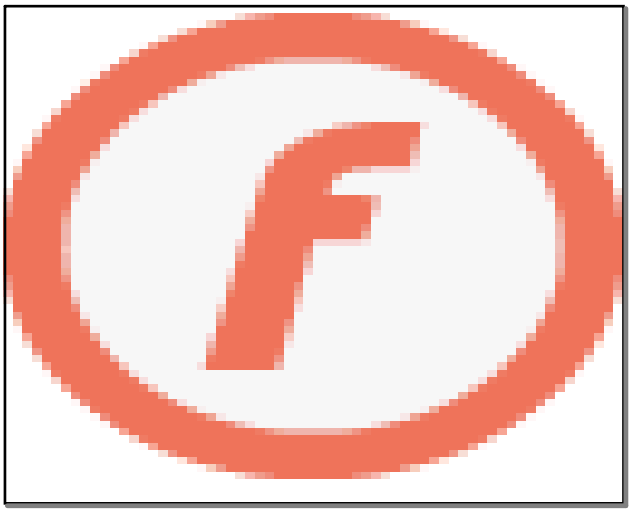


Oct 9-10:41 AM

Oct 9-9:33 AM

Variable	Bar graph	Bias
ControlGroup	Controlled Variables	Circle Graph
Hypothesis	Repetition	Dependent Variable
Independent Variable	Inference	Range
PotentialEnergy	Kinetic Energy	Energy Transformation
Line Graph	Mean	Median
Mode	Qualitative Observation	Quantitative Observation
Mechanical Energy	Acoustic Energy	Chemical Energy

Oct 9-11:21 AM



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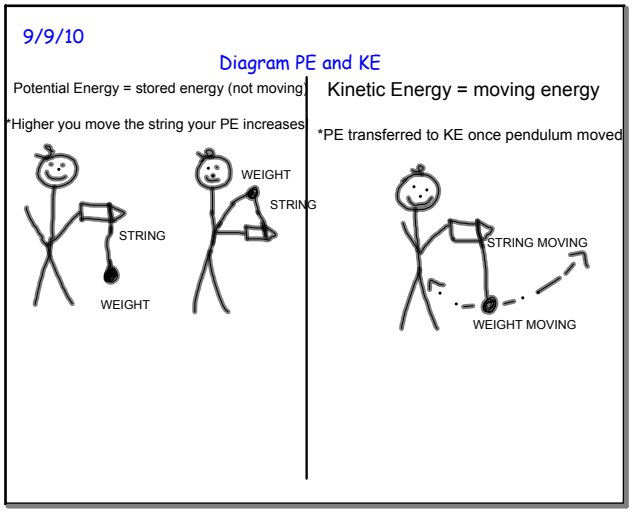

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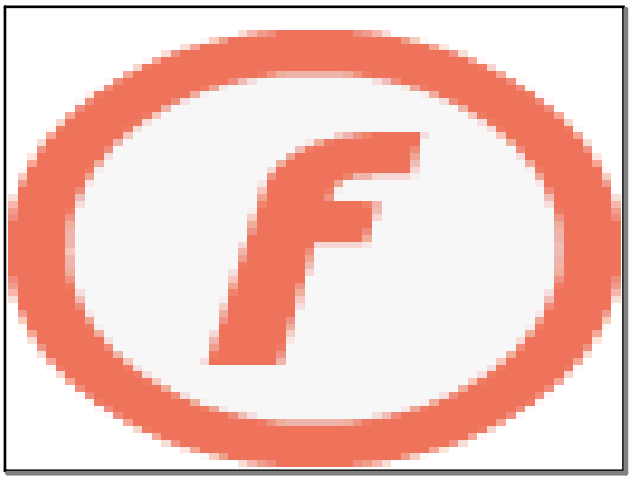

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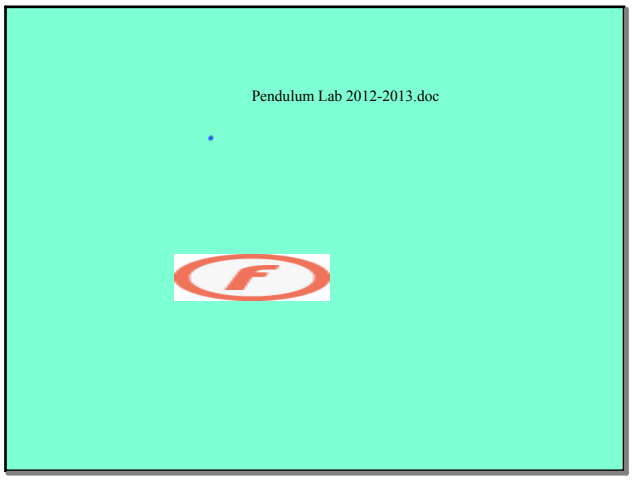

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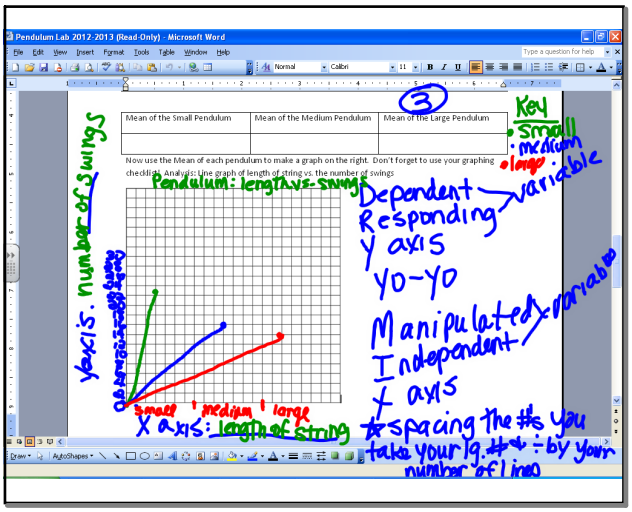

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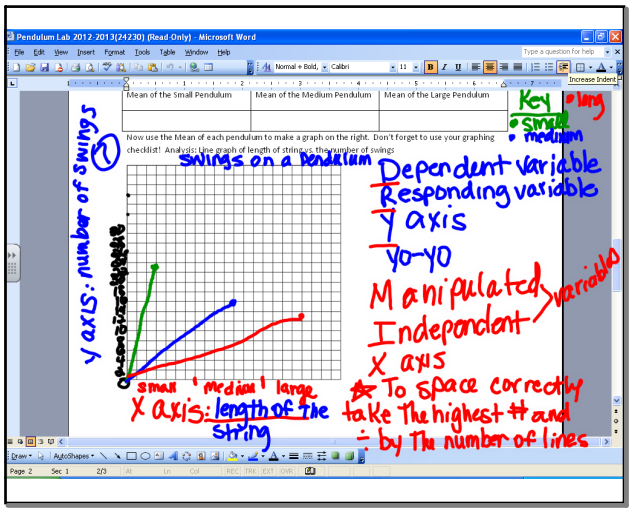

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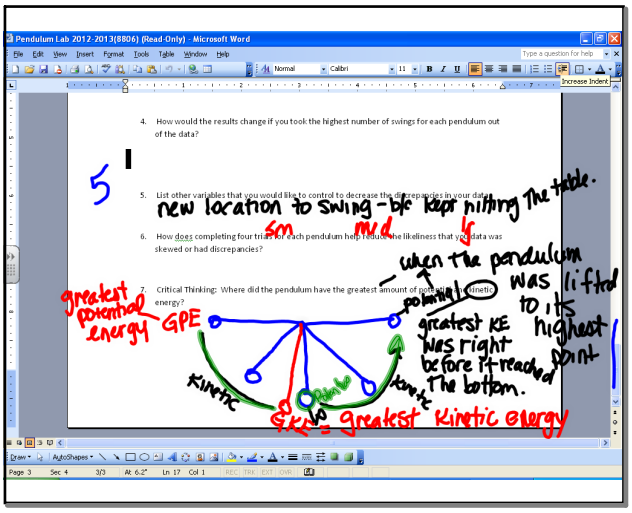

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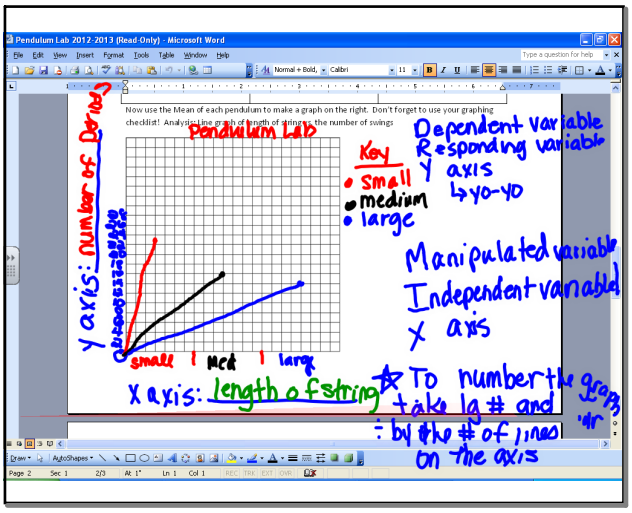
Oct 3-1:15 PM



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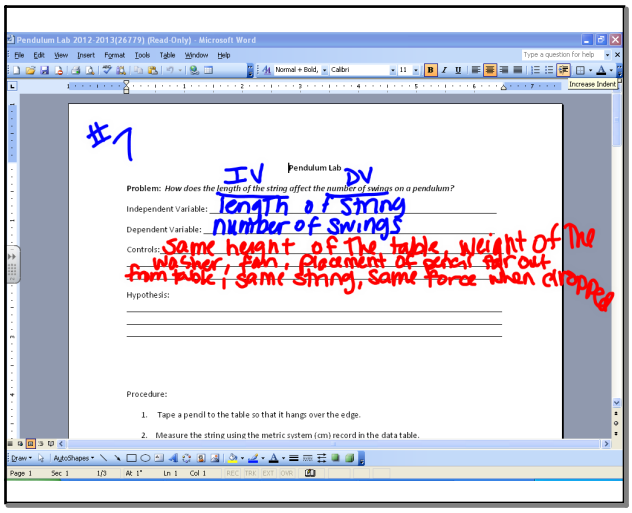

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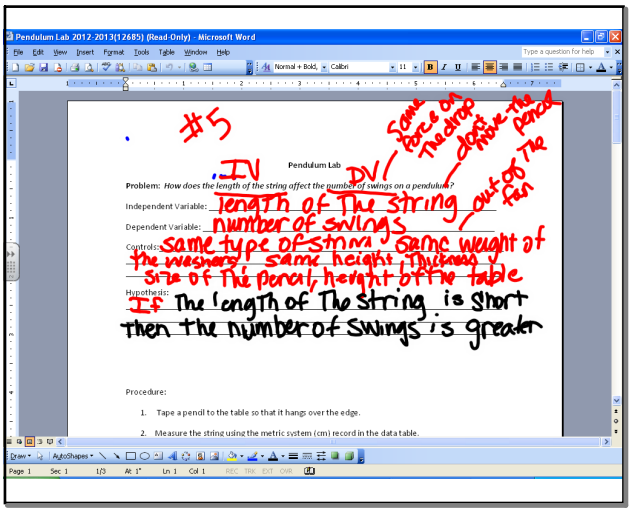

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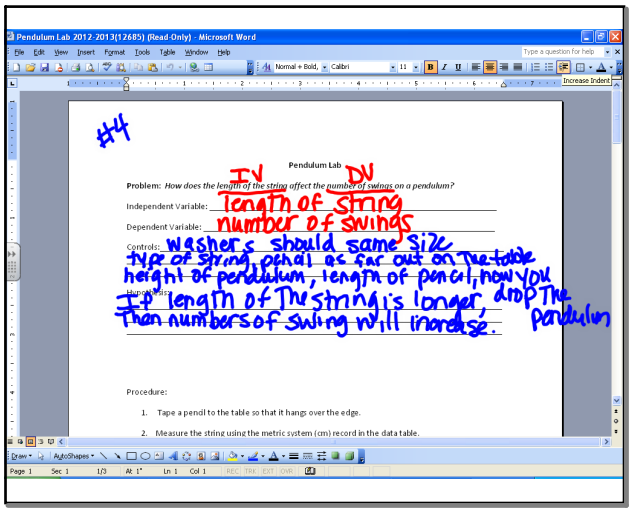

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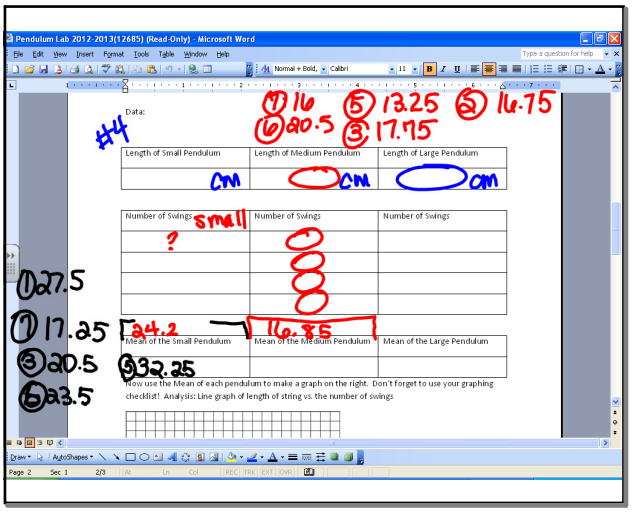

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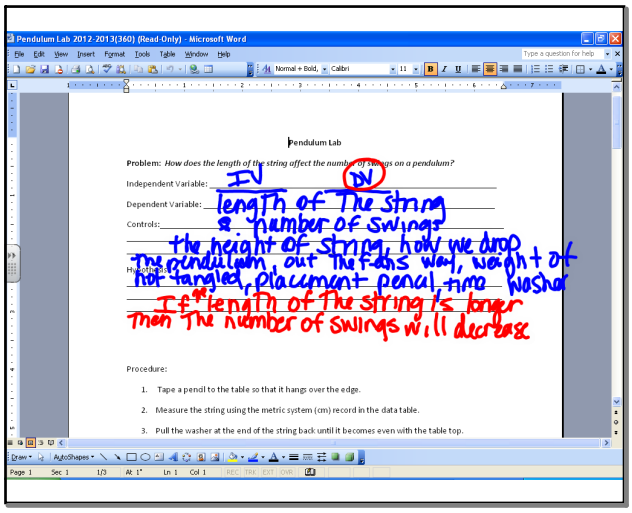

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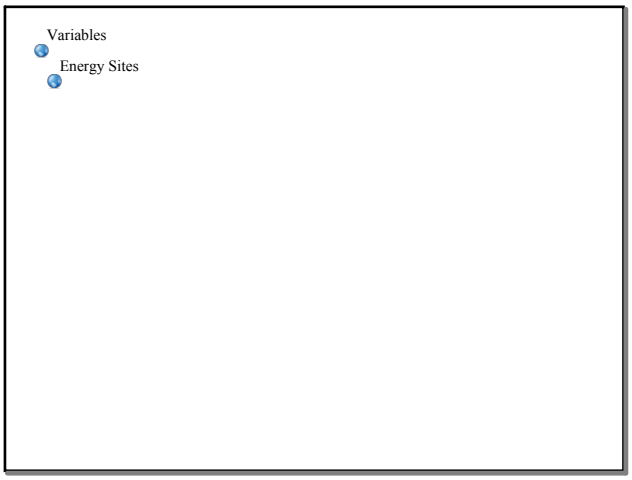

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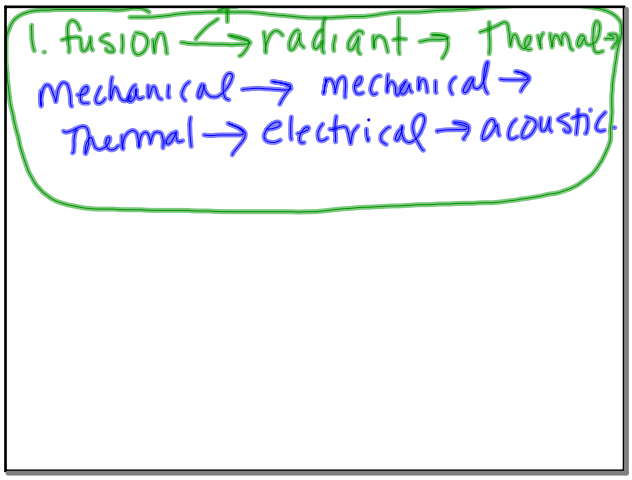

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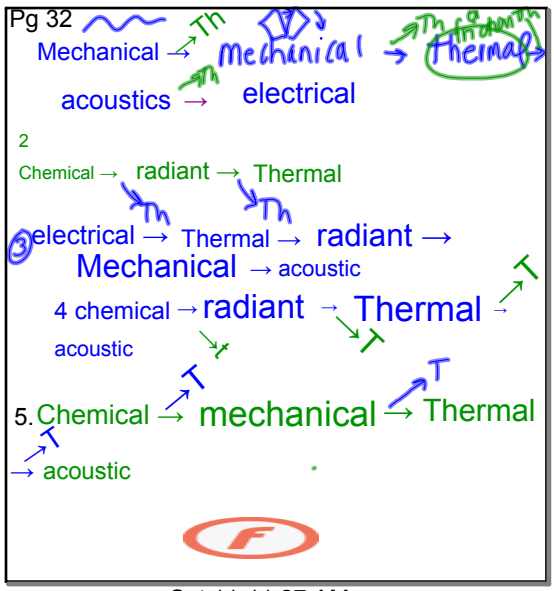

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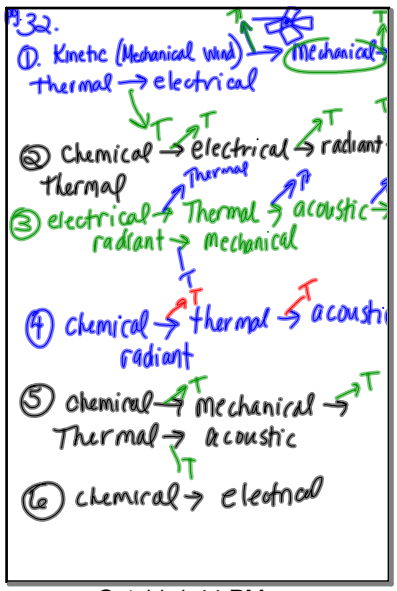

Oct 11-1:44 PM

Attachments

Pendulum_Lab[1].docx

Pendulum Lab 2012-2013.doc