

# October 27, 2017: Week 10

This week in science, students learned about Potential and Kinetic Energy. Students took notes and discussed everyday occurrences where they may see or experience energy. On Thursday, students created their very own roller coaster and identified on the roller coaster where the Greatest Potential and the Greatest Kinetic Energy was found. Next week we will learn about Energy Transformations.

### Changing forms of energy



An automobile engine changes chemical energy to mechanical and heat energy.



A thermonuclear reaction changes nuclear energy to radiant and heat energy.



A tree changes radiant energy to chemical energy.



An electric mixer changes electrical energy to mechanical and heat energy.



Hammering a nail changes mechanical energy to deformation and heat energy.



A lamp changes electrical energy to radiant and heat energy.

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### VOCABULARY TERMS:

Energy Force Gravity Friction

Potential Energy Kinetic Energy

The Law of Conservation of Energy

Transformations

### Next Week in Science:

**Monday:** PE & KE Science Fusion

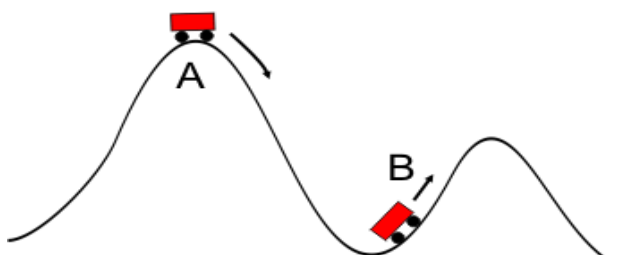
**Tuesday:** Energy Transformations Notes

**Wednesday:** Energy Transformations Lab

**Thursday:** TEST REVIEW

**Friday:** COMPUTER LAB

Potential Energy High  
Kinetic Energy Low



Potential Energy Low  
Kinetic Energy High

### Contact me:

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Conference time: 12:40 or 1:15