October 10, 2019

Sit with your project team at a table

Entry: Answer the following in your notebook

What is potential energy? What is the equation that describes it?

What is kinetic energy? What is the equation that describes it?

Housekeeping

- Problem Set #6 now due Oct. 18th
- Honors Assignment #3 Due Friday
- Honors Topic Due Friday
- Honors Discussion Time Survey
- Corrections and Late work for weeks 1-5 due Friday (list on board)
- Office Hours:
    - Will send hours for next week.

Today

Gravity-Mass Powered Cars

- 9:35AM - 11:00AM Period 2/3
- 11:05AM - 12:30PM Period 4/5
- 12:30 PM - Day over

Project Work

Today we will be building cars driven by falling masses

This is a mechanism that you can use to drive your sculpturethrough the flat part of the course

Key Physics/Math things we will be thinking about are:

- Potential energy
- Kinetic Energy/Work
- Energy loss

Key Project Design things we will be thinking

- Will this work for your design?
- What could you do to improve it?