Quiz Help

Momentum = mass times velocity

$$p = m.v$$

before collision

after collision

Prediction

Calculation

Apr 20-7:44 AM

Work

Something that applies a Force on a moving object is doing work on it.

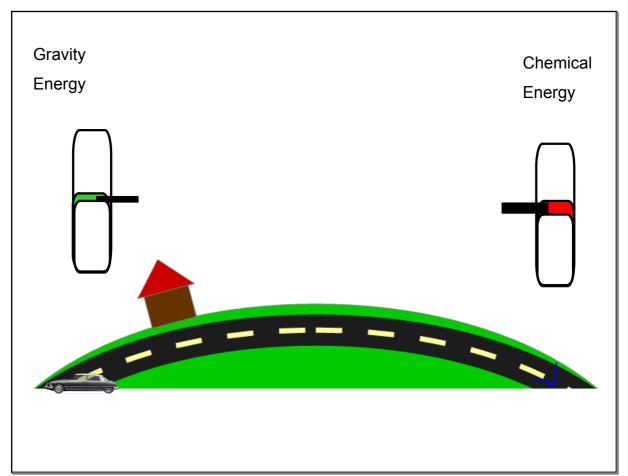
Energy

Apr 19-11:31 AM

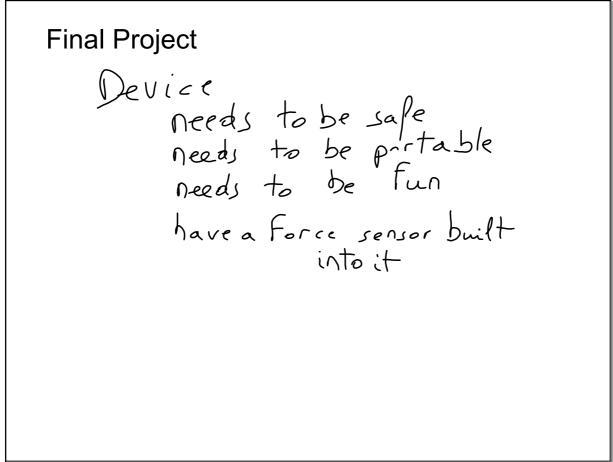
Power

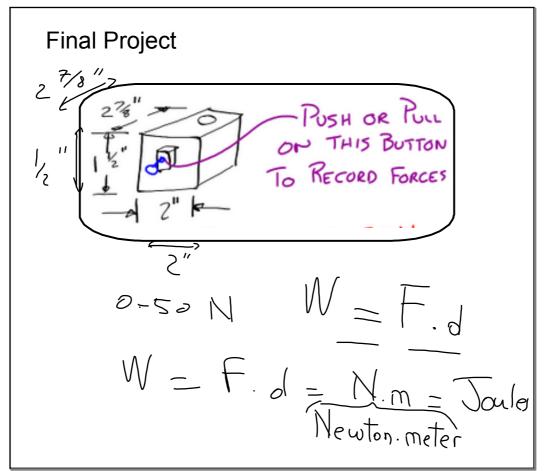
Power is a quantity describing how quickly work is done.

Power = Work time

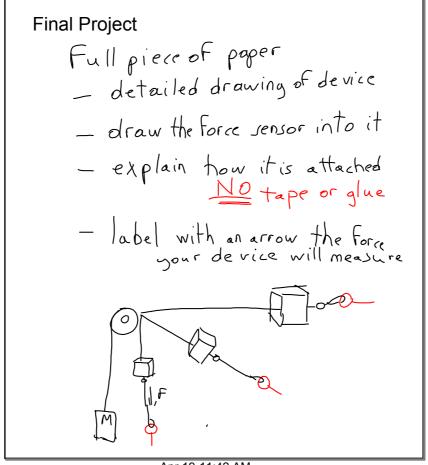


Apr 19-11:04 AM





Apr 19-11:42 AM



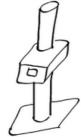
Apr 19-11:42 AM

Final Project

How To ATTACH THE SENSOR

- PUT IT IN A WOOD CRADLE / BOX
- MOUNT IT ON A RING STAND USING THE HALE IN THE MIDDLE OF IT
- CLAMPS

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Apr 19-11:42 AM

Toy / game / fun to play with

Includes force sensor

describe how you will attach it

Measures a force over a distance:

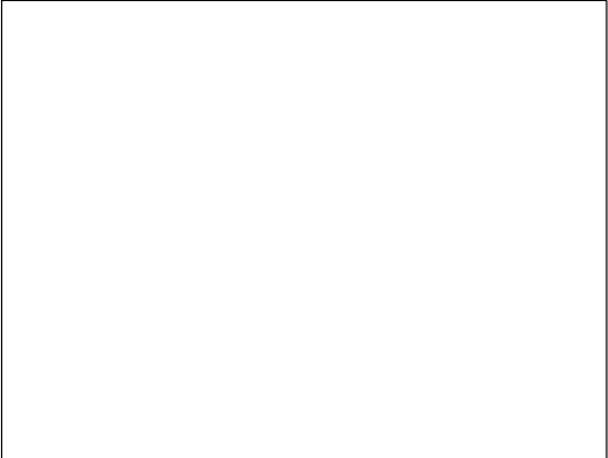
use the force sensor and some way to measure the distance (ruler, rotations, etc.)

W = F.d

Work = force times displacement

First page: drawing + force sensor

Second page: 3 sentences explanation



Apr 20-11:05 AM