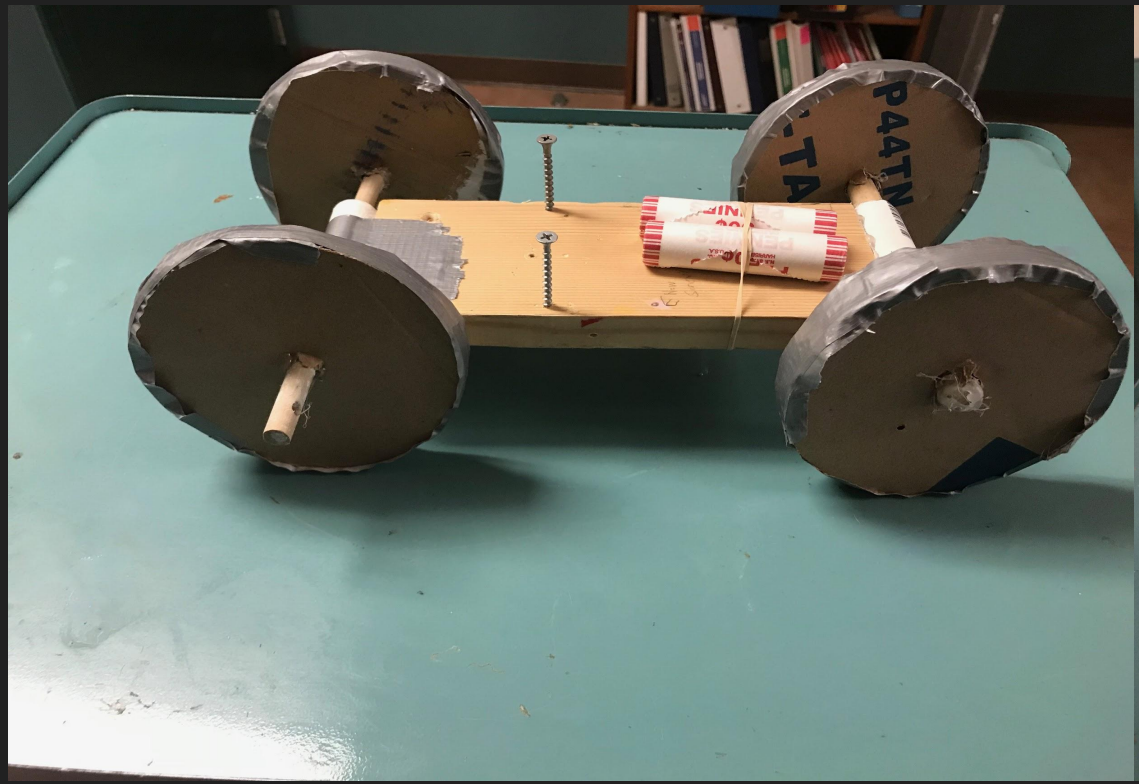
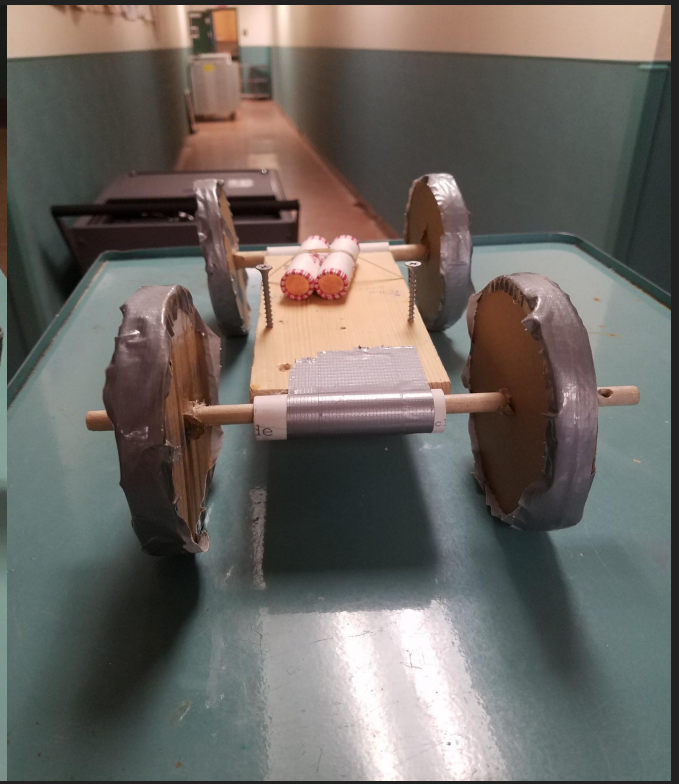
Alternative Energy Car

By Tyler, Nick, and Chris

Our Car: The Elastic Elantra





Materials and Costs

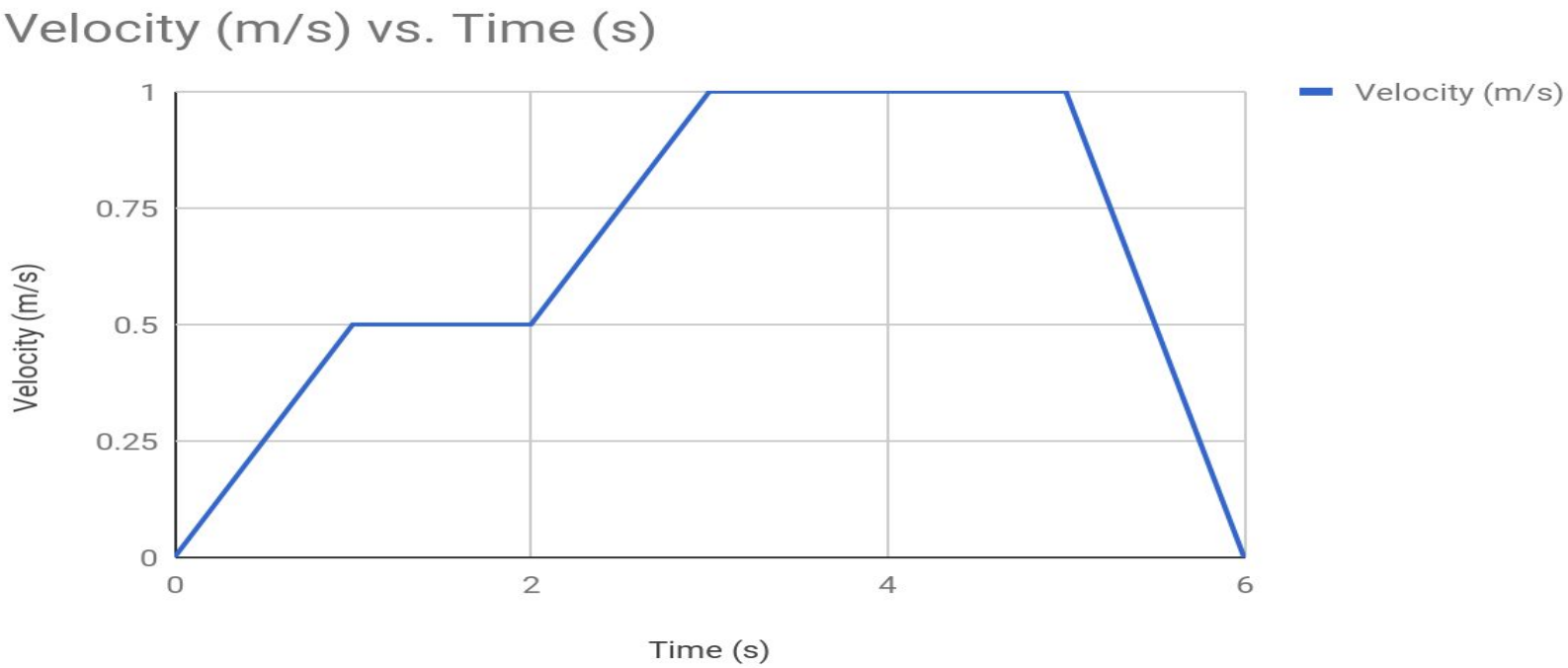
- 1 one by four ($ .50)
- 8 cardboard wheels ($ .40)
- 2 one and a half inch screws ($ .20)
- 1ft of half inch plastic pvc pipe ($. 20)
- 4 ft of duct tape ($ 1.80)
- 2 2 inch nails ($ .10)
- 2 wood cylinders ($ .10)

- Total Cost = $3.30

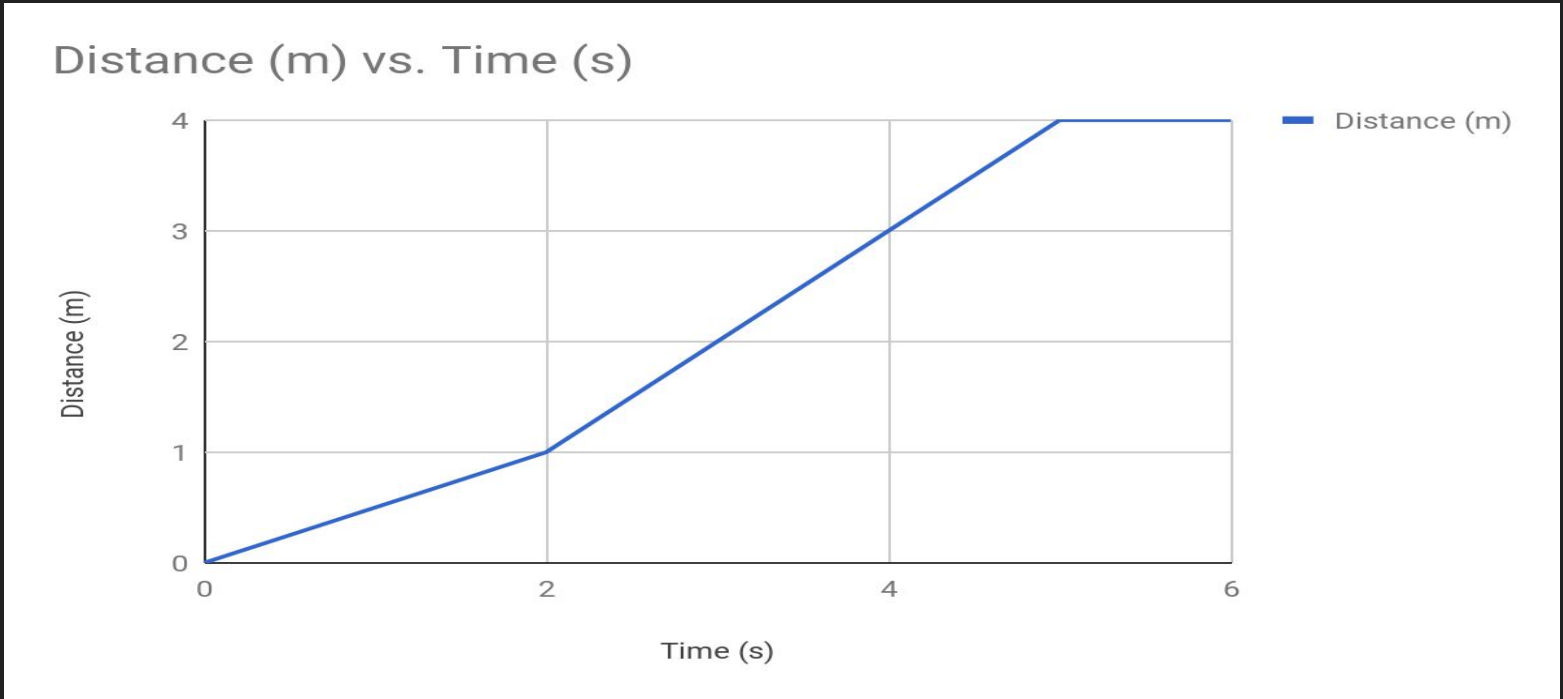
Features

- Extremely cheap
- Lightweight
- Wheel Traction
- High Acceleration
- DIY Project
- Easy To Make
- Sturdy/Hard To Break
- Rubberband Powered

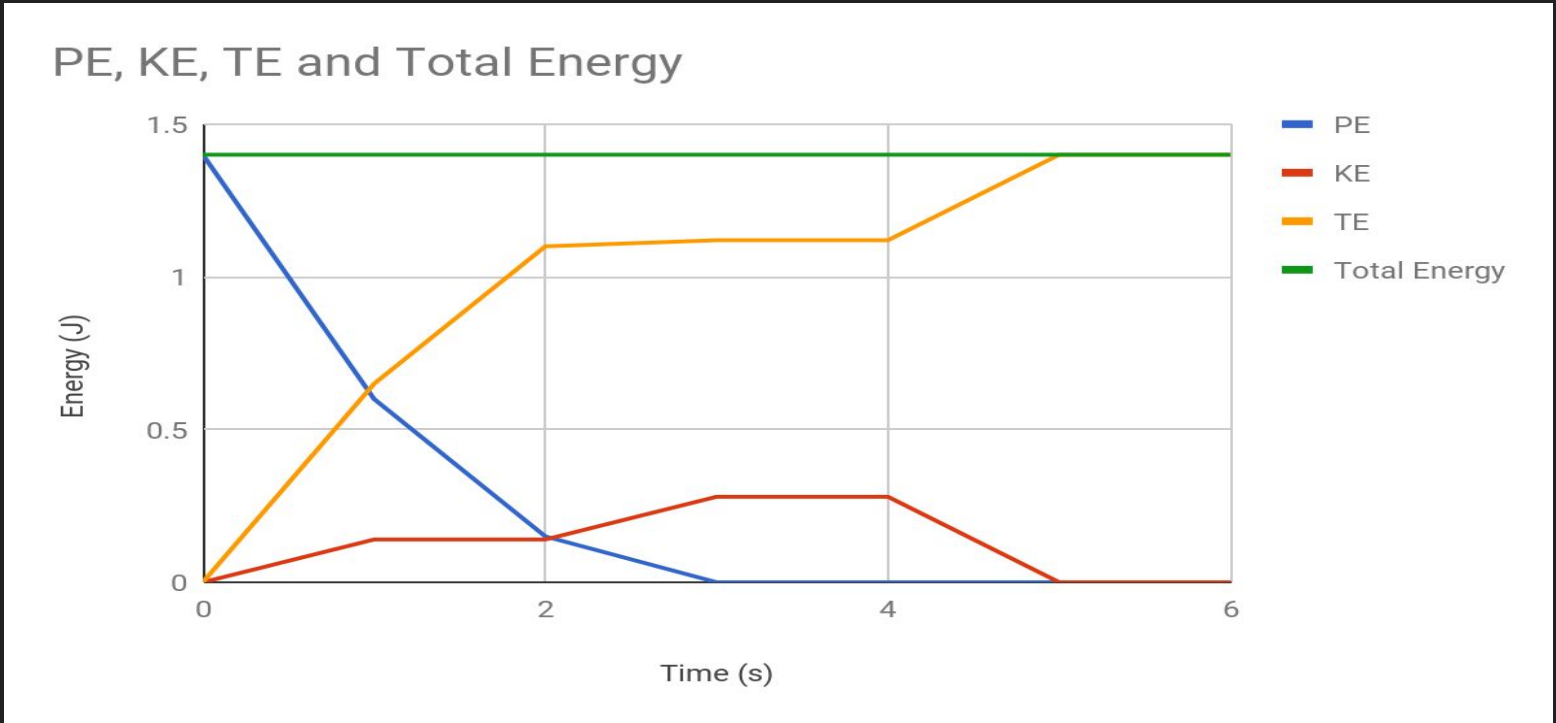
Velocity vs. Time Graph



Distance vs. Time

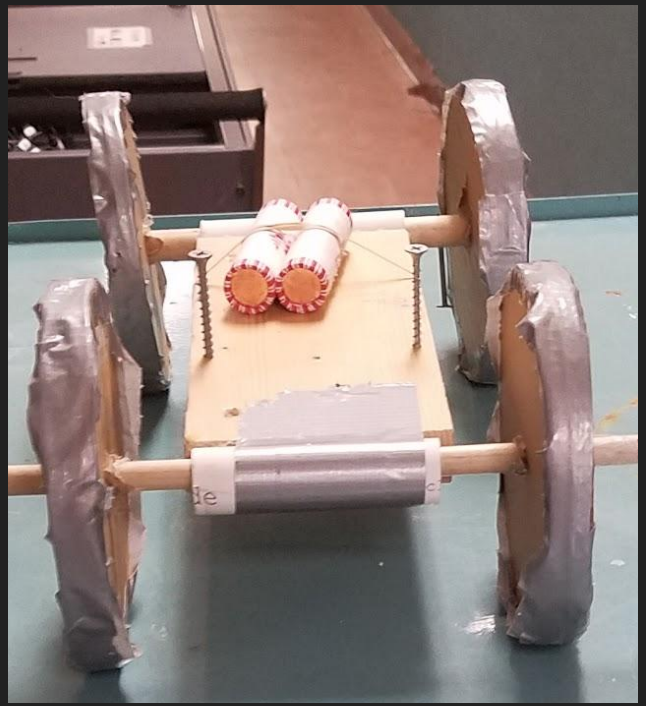


Potential Energy, Kinetic Energy, Thermal Energy



Our Car In Action

Close Enough!



Elastic Elantra

Hyundai Elantra

OOF