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

Velocity (m/s) vs. Time (s)
Distance vs. Time

Distance (m) vs. Time (s)

Distance (m)

Time (s)
Potential Energy, Kinetic Energy, Thermal Energy
Our Car In Action
Close Enough!

Elastic Elantra

Hyundai Elantra