

Elastic Potential Energy - Rockets

Procedure:

1. Wrap paper around a dowel rod and tape it so that it forms a tube. Make and attach fins.



2. Place on the Rubber band Launcher and pull down on the black metal piece. Release.

Experiment 1:

Make a **cardstock** rocket - entire length of the paper (hotdog) with cardstock fins

Launcher	Distance Rocket Flies (meters)
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#1 (single rubber bands)	_____
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#2 (triple rubber bands)	_____
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Conclusion:

1. Did triple rubber bands go **WAY** farther than the single rubber bands?
2. What makes the rocket launch the farthest?