

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name: \_\_\_\_\_

## Rockets on a Shoestring Budget Activity – Trial Data Worksheet

### Pop Rocket Design Trial

Check the boxes for the material choices you made for your trial budget:

Normal Paper

Construction Paper

Scotch Tape

Masking Tape

Crushed Antacid

Solid Antacid

Hot Water

Cold Water

How many Blast-Off Bucks did you have left over? \_\_\_\_\_ (may be zero)

Height reached on first launch (in feet): \_\_\_\_\_

1. Describe what happened during your launch:

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2. After watching all the trial rocket launches, what ideas do you have for improving your design? Write down at least two:

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company Name: \_\_\_\_\_

Height reached on second launch (in feet): \_\_\_\_\_

3. Describe what happened during your final launch? Did the rocket improve?

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4. If you had more Blast-Off Bucks, would the rocket have gone higher? Why?

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**Final Recommendation**

Based on your results and the results you observed from the other teams, what combination of materials would you recommend for a successful and profitable rocket?

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