

Name:

Date:

Class:

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:

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

Height reached on second launch (in feet): _____

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

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

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?
