

Name _____

Mystery Launch Answer Key

- Prediction answers will vary.
- Correct proof details may include:
 - Students squeezed bottles to launch rockets.
 - Some rockets flew high into the air.
 - Some rockets tipped over and spun on the floor.
- Surprise responses will vary.
- Future predictions will vary but should be based on the experiment.

Teacher's Guide

- This worksheet strengthens **prediction skills** and the use of **text evidence** to confirm or revise thinking.
- For differentiation:
 - Allow struggling readers to draw their prediction instead of writing a full sentence.
 - Ask advanced students to explain why their prediction changed using two complete sentences.
- For engagement:
 - Read the story aloud with dramatic pauses before key events.
 - Have students share predictions with a partner before reading.
- For extension:
 - Have students write a new short story and create their own prediction prompt.
 - Connect the activity to a real science experiment using classroom materials.