

Trials	Control (Pink)	Manipulation on mass (Yellow)	Manipulation on shape (Green)	Manipulation on length (size) (Blue)
1	2.5	2.2	2.8	1.9
2	2.5	2.2	2.8	1.9
3	2.5	2.2	2.8	1.9
4	2.5	2.2	2.8	1.9
Average	2.5	2.2	2.8	1.9
Speed (cm/sec)	100	113.6	89.3	131.6

Purpose: – What manipulation can you make to have a helicopter travel a slower speed?

Background Information:

The helicopter traveled a distance of 250 cm.

The time was recorded in seconds.

Hypothesis- If I change the SHAPE then the helicopter will travel a slower speed.

Conclusion –

1. What was your original hypothesis?
2. What your hypothesis correct or incorrect?
3. Back up your answer with Data (numbers) from the data table.
4. What was the control experiment data speed(with label)
5. What was your best manipulation (not including the control)?
6. How did that manipulation compare to the control (use numbers)?
7. What was your worst manipulation?
8. How did that manipulation compare to the control(use numbers)?
9. What is something you may have done wrong in this experiment (mistake)?
10. What is one thing you would change (manipulate) if you could do this lab all over again?