Name:

Partner’s Name

Applied Tech

Date:

Title:

PURPOSE:

HYPOTHESIS:

MATERIALS:

 • • •

 • • •

 • • •

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 • • •

 • • •

PROCEDURE:

Describe the steps to build the structure, perform the test, (record the data observations), and clean up. Attach a diagram of your device to this packet when you turn it in.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

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18.

19.

20.

**Picture: Take a picture of sketch and container and upload to Weebly.**

**Video Tape Drop and upload to Weebly.**

DATA COLLECTION:

|  |  |
| --- | --- |
| Before:  |  |
| Length of device |  |
| Width |  |
| Height |  |
| Mass |  |
| Distance that the object will fall  |  |

|  |  |
| --- | --- |
| During:  |  |
| Time of Descent |  |
| How did it fall? |  |
| Sound of impact |  |
| What occurred at impact? |  |

|  |  |
| --- | --- |
| After:  |  |
| Describe the condition of the device. |  |
| Describe the condition of the egg. |  |

ANALYSIS:

1. Why did the egg break or why did it not break?

2. What patterns can be identified?

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 Group analysis:

Total attempted: \_\_\_\_\_\_\_\_ successful: \_\_\_\_\_\_\_\_ failed: \_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CONCLUSION: Using complete sentences, write conclusion for this experiment.

It was expected that:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

It was observed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Therefore \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EXTENSION:

Design Flaws\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Suggestions for further experimentation

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Practical Applications/Real World Uses

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