Name:

Partner’s Name

Applied Tech

Date:

Title:

PURPOSE:

HYPOTHESIS:

MATERIALS:

• • •

• • •

• • •

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• • •

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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.

15.

16.

17.

18.

19.

20.

Picture:

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?

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

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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