

PROTECT THE EGG CHALLENGE

Name: _____

SUPERSTARWORKSHEETS

QUESTION:

Can you design a container that will keep an egg from breaking when it is dropped?

HYPOTHESIS:



MATERIALS:

- ☐ raw egg
- ☐ cup, box, or bag
- ☐ cotton balls, straws, paper, tape, bubble wrap, and/or cardboard



PROCEDURE:

1. Choose your materials.
2. Build a container to protect your egg.
3. Drop your container from a set height.
4. Open the container and check your egg.
5. Record your observations.

FINAL OBSERVATIONS:

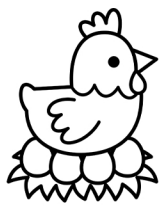
Before Dropping



After Dropping



CONCLUSION:



PROTECT THE EGG CHALLENGE

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OBSERVATION JOURNAL

Test 1:

HEIGHT
DROPPED
FROM:

DID THE
EGG CRACK?
(YES/NO)

WHAT I
NEED TO
CHANGE:

Test 2:

HEIGHT
DROPPED
FROM:

DID THE
EGG CRACK?
(YES/NO)

WHAT I
NEED TO
CHANGE:

Test 3:

HEIGHT
DROPPED
FROM:

DID THE
EGG CRACK?
(YES/NO)

WHAT I
NEED TO
CHANGE:

Test 4:

HEIGHT
DROPPED
FROM:

DID THE
EGG CRACK?
(YES/NO)

WHAT I
NEED TO
CHANGE:

Test 5:

HEIGHT
DROPPED
FROM:

DID THE
EGG CRACK?
(YES/NO)

WHAT I
NEED TO
CHANGE:

Test 6:

HEIGHT
DROPPED
FROM:

DID THE
EGG CRACK?
(YES/NO)

WHAT I
NEED TO
CHANGE: