

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

## EXTRA CREDIT SCIENCE EXPERIMENT OF THE MONTH

IN THIS EXPERIMENT STUDENTS WILL LEARN THIS PRINCIPLE:

- THE ARCH THAT IS ON BOTH ENDS OF AN EGG IS AN EXCELLENT STRUCTURE FOR SUPPORTING WEIGHT

**Research Question** (What do you want to find out?): Is an egg strong and powerful, or weak and fragile?

**Hypothesis** (What do you think?): I think an egg is \_\_\_\_\_

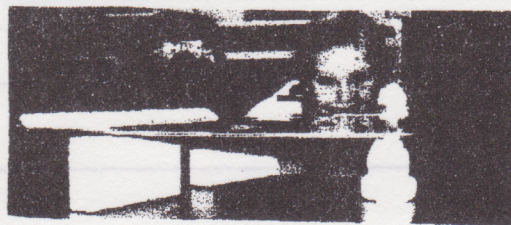
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**Materials:** uncooked ordinary egg, clay or play dough, two blocks of wood, lightweight cookie sheet, books, bathroom scale

**Procedure** (Steps you will take to find out.):

1. On a table, place the end of an uncooked ordinary egg in some soft clay or play dough.
2. Place the two blocks of wood to make a triangular base to support the cookie sheet. Refer to picture below.



3. Slowly add books, one by one, onto the cookie sheet.
4. Count the number of books the egg can support.
5. Weigh the books that the egg was able to support.