



Experiment: How Strong are Your Eggs?

Test how strong an eggshell is by carefully stacking books on raw eggs.

REQUIRED MATERIALS

- ▶ 4 Raw eggs
- ▶ 1 Egg carton
- ▶ Books
- ▶ Bathroom scale (optional)

How many books do you predict your eggs will hold before the shells crack? _____

1. Choose four equal sized eggs with no gray cracks.
2. Make four individual egg holders from an egg carton.
3. Place eggs pointy side up in each egg holder.
4. Carefully place a book on top of all four eggs. Did they crack?
5. Add one book at a time until the eggs break!

How many books were you able to stack? _____

Were all your books the same size and weight? _____

How many pounds of books were your eggs able to hold (use a bathroom scale)? _____

Wash your hands and any materials with soap and water if you got raw egg on them!