

The Bouncing Egg

Introduction

Eggs have a variety of unique characteristics and can be used for a variety of scientific experiments.

Materials

One hard-cooked egg per team, white vinegar, plastic container with lid.

Procedure

1. Without breaking the shell, examine the hard-cooked egg carefully. Record visual observations.
2. Place egg in plastic container. Cover completely with white vinegar and seal with lid. Predict what will happen in one hour, one day, one week. Record predictions.
3. Observe the egg at the indicated times and record observations. The egg shell should have dissolved and the egg white and yolk should have become rubbery. After rinsing and drying the egg, record what happens when it is dropped. It should bounce.

Note

After each observation, wash your hands. Do not eat the eggs.

Examine the hard-cooked egg. Record visual observations.		
	Predictions	Observations
One Hour		
One Day		
One Week		
Drop the egg. Record visual observations.		

