

FLOATING EGG

MATERIALS

- A CLEAR GLASS OR JAR
- RAW EGG
- SALT
- SPOON



INSTRUCTIONS

1. FILL THE GLASS OR JAR WITH WATER ALMOST TO THE TOP.
2. CAREFULLY PLACE THE RAW EGG IN THE WATER. DOES THE EGG SINK OR FLOAT?
3. TAKE THE EGG OUT OF THE WATER AND SET IT ASIDE.
4. ADD A FEW SPOONFULS OF SALT INTO THE WATER AND STIR GENTLY UNTIL THE SALT DISSOLVES.
5. CAREFULLY PLACE THE EGG BACK INTO THE WATER. WHAT HAPPENS THIS TIME? DOES THE EGG FLOAT OR SINK?
6. IF THE EGG DOESN'T FLOAT YET, TRY ADDING MORE SALT AND STIRRING UNTIL IT DOES.

EXPLANATION

WHEN YOU FIRST PUT THE EGG IN THE WATER, IT SANK BECAUSE THE EGG WAS HEAVIER THAN THE WATER. THIS HEAVINESS IS CALLED DENSITY. WHEN YOU ADDED SALT TO THE WATER, IT MADE THE WATER HEAVIER, OR DENSER THAN THE EGG, ALLOWING THE EGG TO FLOAT.