

# SUPER SEDER SCIENCE

## FLOATING EGG EXPERIMENT



PLACE UNCOOKED EGG IN CUP AND FILL WITH WATER.

**QUESTION: WHAT HAPPENS WHEN YOU CHANGE THE DENSITY OF THE WATER BY ADDING SALT?**

### MATERIALS

- SALT
- 1 LARGE CLEAR CUP
- EGG
- STIRRING STICK
- TABLESPOON

**DIRECTIONS: ADD 1 TABLESPOON OF SALT AT A TIME. STIR GENTLY.**

**USE YOUR SCIENTIFIC METHOD SHEET TO RECORD YOUR OBSERVATIONS.**

### WHAT'S HAPPENING?

**THE EGG SINKS IN THE WATER BECAUSE THE EGG IS DENSER OR HEAVIER THAN THE WATER.**

**SALT ADDS DENSITY (OR MORE WEIGHT) TO THE WATER AND SO THE EGG FLOATS.**

**TRY IT: ADD SUGAR INSTEAD OF SALT**

