

## **The Incredible Egg Challenge**

**Your challenge:** Use the principles of buoyancy and density you learned in the first activity, determine the density of an egg using only the materials supplied.

### **Materials**

- Water
- Sodium chloride
- 400 mL beaker
- Plastic spoon
- Graduated cylinder
- Balance

### **Final Report**

Submit a report on your challenge. The report should include:

- Title
- Procedure
- Data Table(s)
- Calculations
- A statement of the experimentally determined density of the egg
- An explanation of why you chose the approach you did. This explanation should include how you applied the concepts of density and buoyancy.