

Test Administrator Instructions for Setup

NECAP Science Grade 8 Inquiry Task: Density



The materials enclosed are for **1** setup, **5** setups, or **10** setups.

Materials: 1 setup (for 1, 2, or 3 students)

- 1 coin
- 1 nugget
- 1 bag of 25 cubes, each cube with a mass of 1 g
- two 40 mL graduated cylinders
- 1 single-beam balance and fulcrum
- 2 small plastic cups
- 1 large plastic cup
- tap water (provided by school)
- paper towels (provided by school)

Procedure for Setting Up the Investigation

1. Place one placemat on a workspace for each small group of students.
2. Add water to the large plastic cup so that it is about three-quarters full.
3. Place the large plastic cup and the rest of the set of materials in each designated spot on the placemat.
4. Tell students not to touch materials on the placemat until instructed to do so.