



## Prep Instructions

The following items will be required for the prep of this activity:

per group:

- pitcher of water
- pourable container of vegetable oil
- 500 mL beaker
- 50 mL graduated cylinder
- scoopula
- salt
- sugar
- measuring cup
- tablespoon

### Step 1

Set out all the required materials, as listed above.

### Step 2

The students may be asked to dispense exact volumes of water and oil. In order to determine the volume of water needed, use the measuring cup to add water to the glass until the glass is three-quarters full. Use the tablespoon to measure the amount of oil required to form a layer approximately 1 cm thick. Note the required number of cups and tablespoons and inform the students of the amounts of water and oil they should dispense (for example, 3 measuring cups of water and 7 tablespoons of oil).