



a WOW Lab

**BLUEPRINT**

Cauldron Bubbles

## Lesson Logistics

### Learning Outcomes

K-Grade 3	Grades 4-6
Liquids and solids	Properties and changes of materials
Analyzing and interpreting	

### Class Organization

Divide the students into groups of three.

Ensure that each group has a copy of the *Student Handout*, a clear plastic cup, vegetable oil, a pitcher of water, salt, a measuring cup and a tablespoon.

### Notes

Cover the work space with newspaper in order to keep it clean.

### Further Exploration

#### Solubility

Students can use sugar instead of salt and compare the results. They can then compare the solubility of salt and sugar by counting how many tablespoons of each can be dissolved in a glass of water. Performing this activity will help students understand why sugar and salt behave differently in the *Cauldron Bubbles* activity.

#### Density

Students can use different types of oil with different densities and compare the results.