

EXPLORING LIQUIDS MATERIALS LIST

Description

Explore properties of water and other liquids. Compare the density of different materials and see what happens when they are placed in water. What factors affect floating and sinking? Your students are sure to have a splash!

Activity One: Density test / Lava Lamps

Materials per student

- Plastic cup (small or medium size) or reusable glass container
- Water
- Food Colouring (any colour)
- Oil (canola, vegetable, etc.)
- Alka-Seltzer (1/2 tablet or 1 full tablet for each student)
- Plastic tray or mat to catch spills

Materials preparation before program

- Pour oil into each plastic cup. Fill 10-20% of the plastic cup with oil. Put onto tray or mat.
- Have water and food colouring ready for students to use. Student will pour their own water and a few drops of food colouring into the plastic cups, when prompted to by instructor.
- Have ½ tablet or full tablet for each student ready to use.

Activity Two: Tin Foil Boat Build

Materials per student

- 1 sheet of tin foil (size varies based on preference, typical size is 8" X 12" rectangle, or about the size of a sheet of paper)
- Container of water for boat to float in.
- Small objects to put into boat (small pebble, marble, coin, etc.)

Materials preparation before program

- Have 1 sheet of tin foil ready to use for each student.
 - Have a towel or hand towel nearby to clean up any spills or splashes!
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