

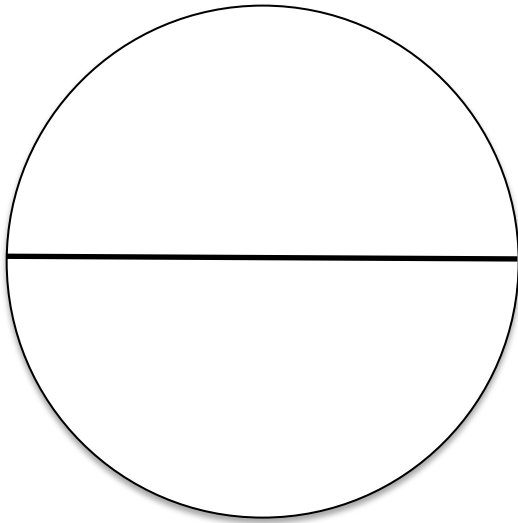
Solids and Liquids Tip Sheet

- Activity:
 - ✓ The surface of liquid is level with respect to the ground.

 - ✓ Draw a horizontal line on a board or on chart paper. Students may also use the edge of a table or their desk. Give each student a bottle of liquid, not corn syrup or hand soap.

 - ✓ As they tip the bottle, they should try to line up the top surface of the liquid with the horizontal line or the edge of the table or the desk.

- Discuss their observations



We hope this simplifies the activity, which seems to be a very difficult one for first grade children. If you have any other ideas, please share them with your colleagues.

Parts List

Part Name	Part #	Amount per class
Clear Plastic Bottle 120 ml Colored Water	699	5
Clear Plastic Bottle 120 ml Corn Syrup	700	5
Clear Plastic Bottle 120 ml Cooking Oil	701	5
Clear Plastic Bottle 120 ml Liquid Detergent	702	5
Clear Plastic Bottle 120 ml Fabric Softener	703	5
Clear Plastic Bottle 120 ml Liquid Hand Soap	704	5

**PLEASE DO NOT OPEN THE
BOTTLES**

A Solid Model

- Aims
 - ✓ To further a student's investigation of solids
 - ✓ To encourage parental involvement through participation in take home activities.
- Steps:
 1. Use the kit to present the lesson "Tower Challenge" (Activity #1, Part 3, Page 11)
 2. In class, invite students to brainstorm different solid objects. Record student input onto a class chart or clipboard.
 3. Explain the need for students to start collecting materials for class project making solid "models".
 4. Send home the parent letter and journal page. Insert the due date for bringing materials back to school on the parent letter.
 5. Have students share journal findings. You may add these findings to your class list.
 6. Have students assemble "models" in class.
 7. Have students present their creations to the class. Set up a classroom display.
- Optional
 - ❖ Invite parents to join the class in the model sharing.

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Dear Parents,

In science class we are learning to recognize solid materials. A solid has a definite shape that cannot be changed easily. Some examples of a solid are:

- ✓ Cloth
- ✓ Paper towels
- ✓ Empty container
- ✓ Stones
- ✓ Sticks

Please help you child gather some different kinds of solids for a class project. Your child will use the materials to make a solid “model” in class. Please send in the material no later than, _____ .

Thank you

Family Journal Page

My Child _____

Found the following solid materials in our home:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Parent Signature