



Name: Form:

Based on pages 14 and 15 of *Solids and liquids*

Rising and sinking water

Try this...

1. Use a piece of string to tie a loop around the neck of a very small jar.
2. Fill a larger jar with cold water.
3. Pour warm water into the very small jar until it almost reaches the top.
4. Add a few drops of food colouring to the warm water.
5. Hold the small jar up by its string and wait for it to stop turning.
6. Lower the small jar into the jar of cold water and watch for the movement of the dye.
7. Describe how the dye moved.



8. Fill a jar with warm water.
9. Put an ice cube containing food colouring in the water.
10. Watch for the movement of the dye.
11. Describe how the dye moved.



12. Stir a small amount of talc into a jar of warm water. When the water has stopped moving, add an ice cube.
13. What changes do you see in the water? Explain your answer.

