

A Displacement Experiment



Try this experiment at home.		
Materials		drinking glass
		water
		2 large handfuls of cotton (Be sure to use real cotton. Synthetic materials will not work.)
Directions		
◆ Fill the drinking	ng g	lass almost to the top with water.
◆ Put the cotton, bit by bit, into the glass. Fluff it as you go.		
If you are careful, you should be able to fit all of the cotton into the glass without spilling a drop of water.		
Think about what you know about displacement and volume. Why do you think you were able to fit the cotton into the glass without the water overflowing?		