

# Bubbling Bubbles Bubble Mixture

Makes 5 Cups of Bubble Mixture  
1/2 Cup of Mixture per Group - 10 Groups

## Ingredients:

2 1/2 Cups of Water  
 2 1/2 Cups of Shampoo  
 15ml Glycerine

## Equipment:

Mixing Bowl  
 Stirring Stick  
 Measuring Cup  
 Teaspoon  
 10 x Bubble Mixture Containers

## How to:

Measure the water into a large bowl

Add in 1/2 cup of dish-washing liquid

Add in the Glycerine

Slowly stir the mixture for about a minute

Let the mixture stand for at-least 1 hour before using.

Measure out 1/2 cup of the mixture into a container for each group = 10 containers

## Surface Tension

Think about a glass that's half full of water. On the surface of water - the top of the water, where the air and water meet, the molecules don't have other water molecules to cling to because there is air, this creates a stronger bond for them with the ones that are next to them.

The first known use of the phrase 'Surface Tension' was in 1876 and was used in the definition of above.

In materials science, surface tension is used for either surface stress or surface energy

Surface tension has the dimension of force per unit length, or of energy per unit area.

