



All kinds of bubbles for all ages for all summer

Make a bubble wand with just about anything and see what happens.
Can you make a square bubble? Can you make a heart bubble?
Can you make a bubble using your hands? Explain the results.

Why can you see a rainbow in the bubble?
Why does the bubble rise?
Poke a bubble with a wet finger. What happens?

Tip for giant bubbles: hold the wands down-wind so the breeze fills the bubble

Best Bubble Solution Recipe Ever!

- 15 cups hot tap water (heat helps dissolve ingredients)
- 2/3 cup **clear Dawn** dish soap
- 2 teaspoons baking powder
- 2 tablespoons 70% rubbing alcohol
- 1 large teaspoon of **Guar Gum** (found in most markets with gluten free baking)

Mix guar gum and alcohol to make slurry
Add the slurry to hot tap water mix very well
Add baking powder, mix to remove lumps
Add dish soap and mix gently, or shake in container
Let rest overnight before making bubbles

