

Bubble Domes

Domes and spheres are used in construction and are a natural structures in space!

How many domes can you make inside each other? The challenge begins!



Materials

- 1 Crazy Bubble Juice solution
- 2 Straw, desk, cup or plate
- 3 OR water, dishwashing liquid, glycerine

Method

1. Make a bubble solution with mixing water, dishwashing liquid and glycerine OR simply dilute some of our Crazy Bubble Juice mixture.
2. Wet the surface of a desk or table with the bubble solution.
3. Dip your straw in the solution and bring it close to touching the desk and blow GENTLY.
4. A bubble should come from the tip of the straw and touch the table to form a dome.
5. Blow gently to enlarge the first bubble.
6. Now, dip your straw again (so most of the straw is wet). Place inside the first bubble and make a second bubble dome.
7. Repeat to see how many domes you can make.

What's Going On?

Surface tension of the bubble holds the bubble in the dome shape and the wet table prevents the bubble from popping.

Take it further

This experiment with pictures is found on our website. If you want to stretch your brain cells further by changing variables, graphing etc, then explore these features through our Bright Spark Guides, subscriptions to our Crazy Science Club videos and more. Please see our website for further details.

