

SQUARE BUBBLES



You'll need

Pipe Cleaners

Bubble Mix

Jug



Instructions

Create a cube frame like the one in the image above.

Pour the bubble mix into the jug and dip the cube frame in so it's completely submerged.

Carefully lift out the frame and admire your square bubble!

Extra Challenge

Make your own different shaped bubble wands.



Why is the bubble square?

The soap film sticks to all six sides of the cube and the bubbles on the sides push against the middle bubble giving it corners and sides like a cube.

The square isn't perfect as the bubble is trying to become its natural sphere shape!

Why is a bubble a sphere?

The forces acting between the molecules of the bubble cause it to form the shape that encloses the most volume with the least surface area – a sphere!