Bubble Domes

Here’s a bubbly challenge. Can you place a bubble within a bubble? Perhaps. But can you place a third bubble within a second. .. and a fourth within the third?

How many bubbles within a bubble can you create? There is a rumor that some kid from Kalamazoo can create a giant bubble that contains four levels of smaller bubbles. Do you think you can break the Kalamazoo Kid's record?

Materials

- Dishwashing liquid
- Water
- A cup
- A kitchen countertop
- A straw

To Do

Make a bubble solution using one part dishwashing liquid and nine parts water. Dip the end of a straw into the bubble solution. Wet the surface of a clean kitchen countertop with a layer of bubble solution. Place the wetted end of the straw against the wet counter surface. Gently blow into the dry end of the straw. Once the dome bubble has been made, withdraw the straw. The bubble seals itself and remains stable.

Now wet the end of the straw again and inject it into the bubble. Once the tip touches the sink surface, blow your next bubble. Keep going until you approach or break the Kalamazoo Kid's record.