Take a Bubble Dancing

If you think your bubbles have worked hard enough and need a little recreation, you can take them dancing.

What to do: Rub the comb several times against the piece of flannel or wool. Make a spray of bubbles with the bubble ring and float the bubbles above the fabric so they land on it. Then move the comb close to each of the bubbles in turn.

What happens: Each bubble seems to dance—moving up and then falling down.

Why: You are using static electricity—electricity created by friction—to make your bubbles "dance."

By rubbing the comb on the fabric, you charge it with static electricity. Because charges of electricity that are not alike attract one another, the charged comb attracts the uncharged bubbles. The bubbles then become charged by the comb—and are pushed away because they have the same charge of static electricity as the comb. Charges of electricity that are alike repel one another. Each time the bubbles come up and touch the comb they get charged and each time they go down, they lose their charge and are pulled up again.

YOU NEED
• comb
• Piece of flannel or wool
• bubble ring
• bubble mix