"Blow a soap bubble and observe it. 
You may study it all your life and 
draw one lesson after another in 
physics from it."

Lord Kelvin

You have been supplied with some highly scientific, extraordinarily expensive equipment:
• a bottle of “miracle bubbles” (or some similar solution)
• a bubble wand (inside of bottle)

You may also have at your disposal some of the following:
• straw
• bubble trumpet (a funnel-like object used for blowing extra large bubbles)
• other alternate bubble-blowers
• alternate bubble containers
• lots of open space, including the great outdoors

Tasks:
Using the bubble solution and wand to “blow bubbles,” you should do the following:
• Make as many observations about the bubble solution and the resulting products as possible. Be specific. Make observations under different conditions (inside, outside, warm, cold, windy, still, falling, rising, in different containers, in combinations or films, etc.) and during all stages of the bubble’s “lifetime”. Be aware that many observations should be of subtle phenomena -- there is much more going on here than just a round (square?) bubble.
• As a result of your observations, you should develop questions about the nature of the bubbles and the bubble solution. Pose these questions/problems in a notebook.