Science Grabbers
Bubble Juice

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What You Need:
Water
Joy or Dawn dish detergent
glycerin

What You Do:
Recipe #1
1 quart detergent
2.5 gallons water
1 cup glycerin

Recipe #2 (18:2:1 ratio)
9 parts water
1 part detergent
0.5 parts glycerin

What you found out:

Allow students to try different recipes for bubble juice and compare the size or other attribute of the bubbles formed. Compare commercial bubble juice and a variety of household dish washing detergents. Encourage the students to develop tests to compare the various solutions they develop.

Some people replace the glycerin with Jello, sugar or unflavored gelatin to toughen their bubbles. These recipes are but two of many. The reason they are included is because I have used them for years and can count on them to be successful. If you have a favorite or run across others that work, please share. Have a good time.

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