



Messy Outdoor Science

Bubble Fun

Materials:

¼ cup corn syrup, ½ cup clear ivory dish soap, and enough water to make 1L of solution

Procedure:

1. Dissolve the corn syrup in a small amount of water by stirring vigorously.
2. Dilute this syrup solution to 1L with water.
3. Carefully add ivory dish soap and stir gently.

What-have-you Bubbles Wands:

1. Strawberry baskets: Dip a small plastic mesh strawberry basket into the soap solution and wave it around to make millions of tiny bubbles
2. Pop Bottle: cut the end off of the bottom of a pop bottle. Dip the cut end into the soap solution to form a film across the bottom and blow into the bottle like a trumpet.
3. Rubber bands: dip a rubber band into the soap solution and stretch it into different shapes with your fingers.
4. String: Cut a piece of string one metre in length and thread two straws onto it. Tie the string into a loop. Hold one straw in both hands and dip your bubble wand into the soap solution. Walk around to create enough wind to fill the gigantic bubble.
5. Pipe cleaners: Shape pipe cleaners into squares, triangles and 3-D shapes to create unique bubble wands.
6. Straws: Fill a plastic plate with solution and use a straw to create nestled bubbles (bubbles within bubbles.) Blow a large bubble in the middle of your plate, insert your wet straw into the bubble and blow a second bubble inside the first. How many can you nestle?

Have your Students explore materials and build structures with tactile sculpting materials like cloud dough, fizzy snow dough and moon sand:

Cloud Dough

Materials: 8 cups of flour, and 1 cup of vegetable or baby oil

To prepare the dough, knead the flour and oil together for a couple of minutes until it starts to clump. Add cookie cutters, measuring cups and spoons, small plastic shovels and other plastic toys.