Glorious Georgians

A day in the life of a Georgian child

Georgian science: Bubbles

The first evidence that people used bubble blowers is a French painting from 1733. Bubble blowers were used widely as toys in Georgian times as all that was required was a piece of wire to twist and some soap to make bubbles.

But did you know that bubbles, no matter what the shape of the blower, are always round! Try making your own bubble blowers and see if you can prove us wrong!

all ages

You will need:

Wire
Wire cutters
Pliers
An adult
A dish of bubble solution

Ask an adult to help you cut a piece of wire.

Use pliers or your hands to shape your blower. the end must meet the stick/ handle for your blower to work.
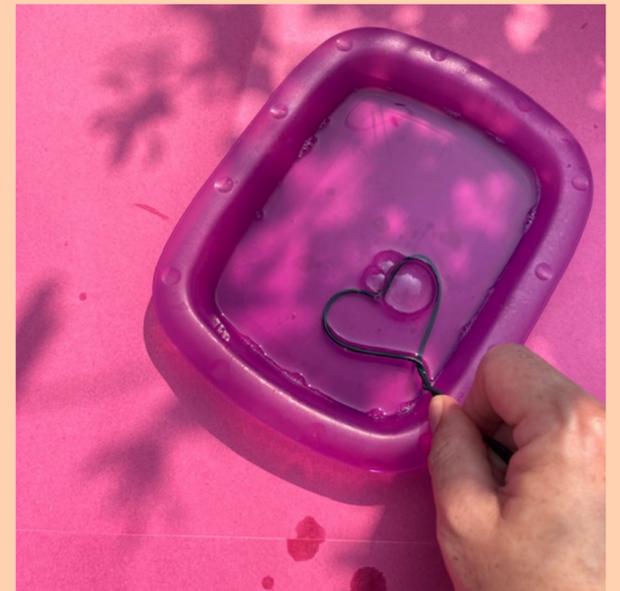
Dip your blower in a shallow dish of bubble solution and blow. What shape does it make?

Try making different shaped blowers- does it change the shape of the bubbles?
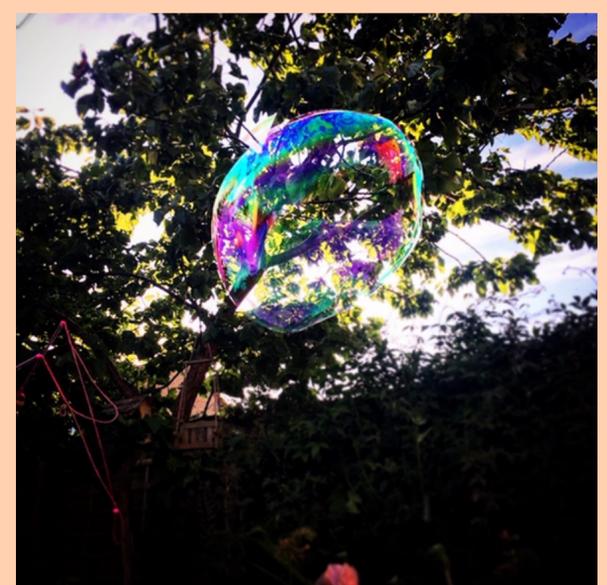
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Georgian science: Bubbles

6+

Make your own ginormous bubbles!

Test the science- what shape are the bubbles you make?

You will need:

Wool
Scissors
A large bead
2 green garden canes
Bubble solution
Tape

Cut 2 pieces of wool. One 145cm long and one 70cm long. thread the bead onto the longer piece of wool.
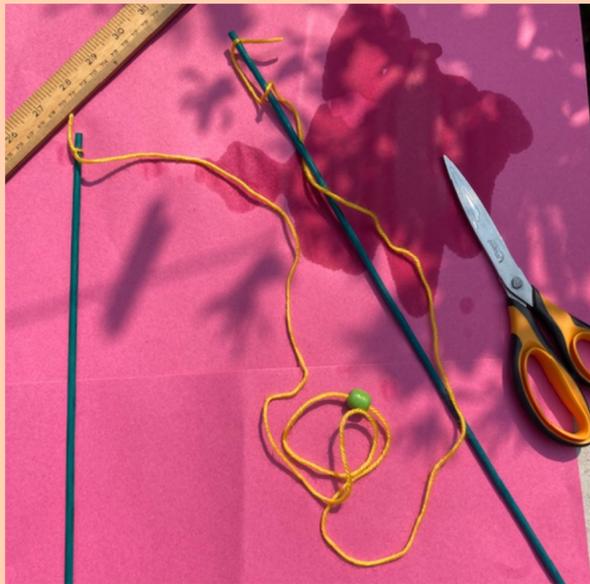
Tie the long piece of wool to the top of each of the sticks. Leave a little bit of excess wool hanging loose.
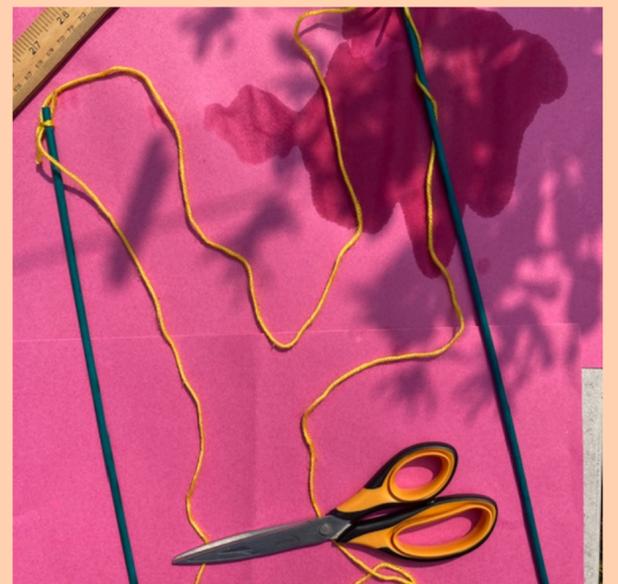
Do the same for the shorter piece of wool.
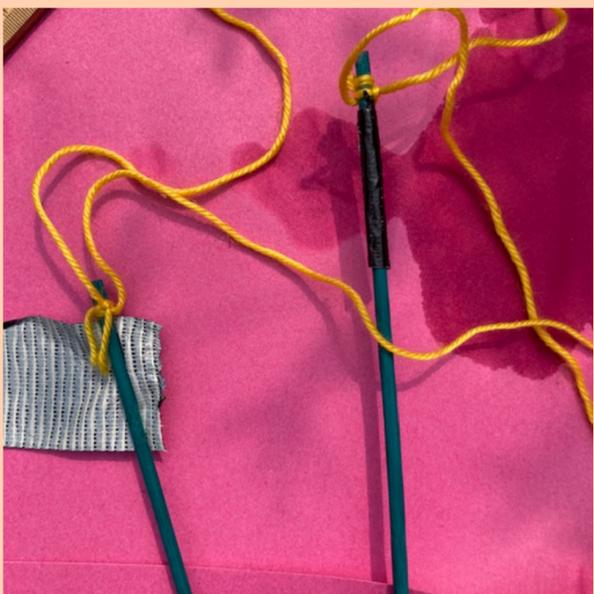
Secure the ends of the wool to the sticks using tape- Duct tape or electrical tape works best.

Carefully dip the whole ting into a tub of bubble solution. Make sure all the wool is in the bubble solution and it doesn't get tangled. It might help to have an adult hold the tub so it doesn't get tipped over.

Lift the bubble maker out of the solution by holting the sticks and pull yout arms apart. The bead will weigh the longer piece of wool down and you'll get a triangle with a bubble suppended in the middle. If you waft your arms slowly a bubble will be made.