## Tensile Bubbles

## Materials:

- Straws
- · Pipe cleaners
- · Bubble solution

## Cubic Bubble Wand:

- 1. Cut your straws. First cut each straw in half, then cut in half again. You will get 4 straw sections from each straw.
- 2. Thread a pipe cleaner through one straw and bend the end of the pipe cleaner to secure it at the end.
- 3. Thread three more straws onto the pipe cleaner.
- 4. Bend the long end of the pipe cleaner back to meet the starting point and twist the two ends of the pipe cleaner around each other. You will now have a square shape.
- 5. Add three more straw sections onto the end of the long pipe cleaner.
- 6. Thread the pipe cleaner through one of the adjacent straw sections.
- 7. Add two more straw sections.
- 8. Bend the shape to form two sides of a cube and thread the end of the pipe cleaner through one of the straw sections on the edge of the cube.
- 9. Repeat Step Eight to form another side to the cube.
- 10. Add one final straw section to complete the cube. Thread the pipe cleaner through an adjacent straw section to secure the final shape. If desired, add a straight section of straw onto the end of the pipe cleaner to form a handle.



