

Bubble Geometry Lesson Directions Overview

Equipment List

- Tubes & Connectors Set
- 100 Pipe Cleaners
- 5 L Bubble Solution

Learning Objectives

- Students name and distinguish between two-dimensional and three-dimensional shapes and their attributes.
- Students use materials to construct bubble wands that represent two- and three-dimensional shapes within parameters provided by the teacher.
- Students combine two-dimensional and three-dimensional shapes to create bubble wands with composite shapes.

Grade Levels: K-5; options for 6-8

Vocabulary Covered

- 2D (Two-Dimensional) Shape
- 3D (Three-Dimensional) Shape
- Polygon
- Polyhedron
- Composite Shape

CCMS Topics Addressed

- Geometry
- Modeling