

# Bubble Geometry Lab

Printable STEM Activity Kit for Kids

# Geometry Vocabulary Reference

**Vertex**      A corner where edges meet.

**Edge**      A straight line where two faces meet.

**Face**      A flat surface on a 3D shape.

**Symmetry**      When something is the same on both sides.

**Surface Tension**      A force that pulls liquid surfaces together.

**Minimal Surface**      The smallest area a surface can take inside a shape.

# 3D Shape Building Templates

Use these guides to build shapes from pipe cleaners or straws:

## Cube



## Tetrahedron



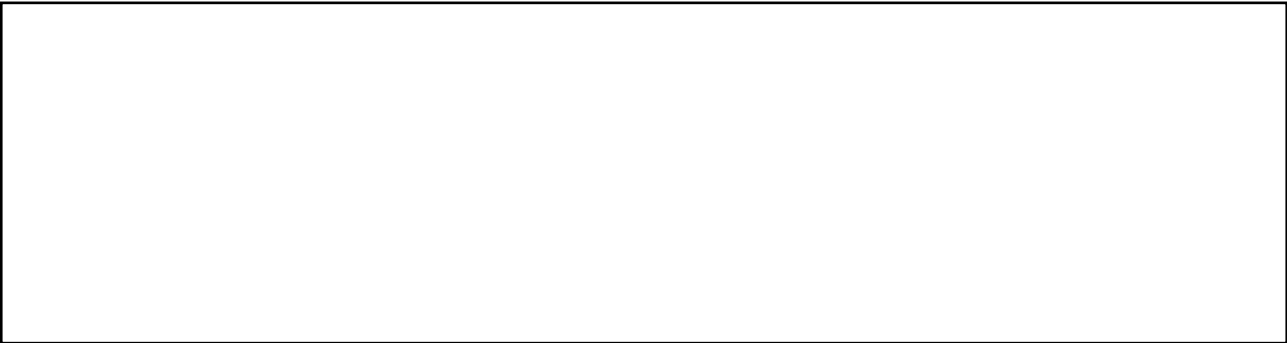
## Square Pyramid



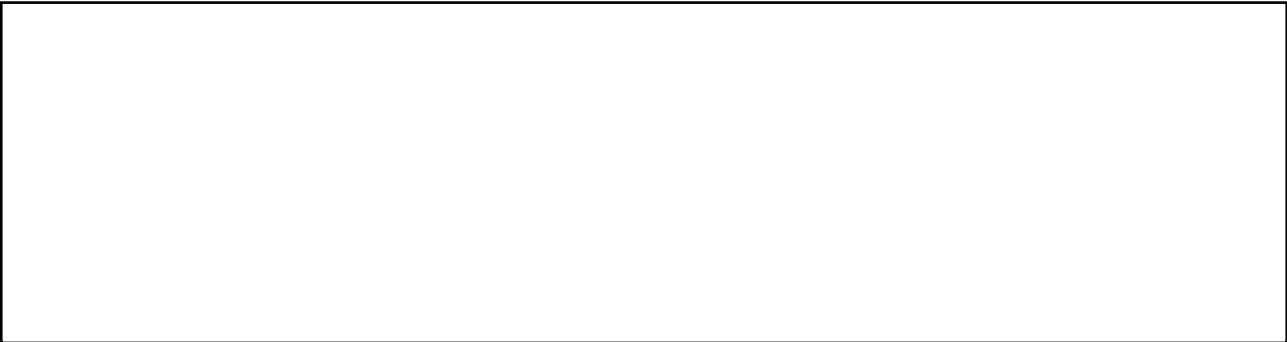
# Soap Film Observation Sheet

Draw what you see inside each shape when dipped in soap solution.

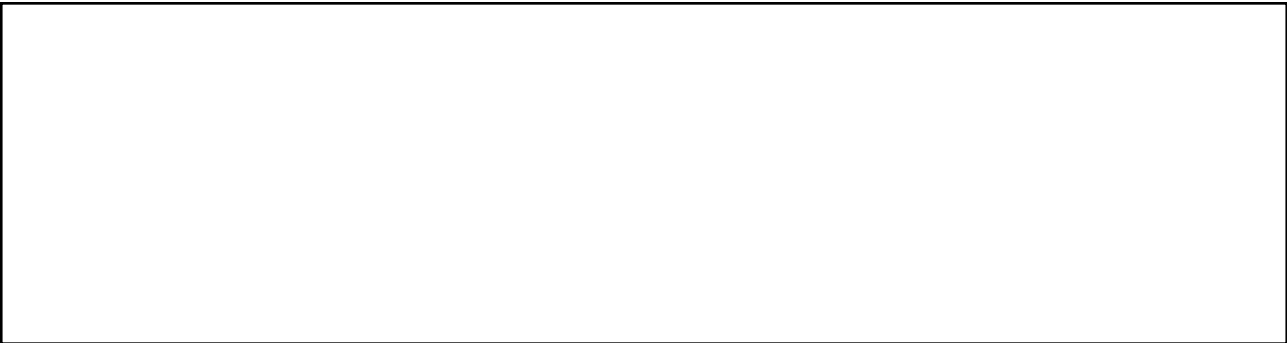
## Cube



## Pyramid



## Tetrahedron



# Certificate of Completion

This certifies that

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has successfully explored geometry and physics  
through the Bubble Geometry Lab activity.

*Awarded by [kids-activities.net](https://kids-activities.net)*