

## 3D Shapes, Vertices, Edges and Surface Models



**MODEL** - AK 3SVESM

**MAKE** - AK LABS

The 3D Shapes, Vertices, Edges and Surface Models Kit is an educational kit designed to teach three-dimensional geometry through hands-on models. It helps students identify faces, edges, vertices, and understand the properties of common solid shapes.

### KIT SPECIFICATION

|                |                                                                               |
|----------------|-------------------------------------------------------------------------------|
| Experiment     | Study of 3D Shapes, Vertices, Edges & Surface Models                          |
| Subject        | Mathematics & Solid Geometry                                                  |
| Learning Areas | Three-Dimensional Shapes, Faces, Edges, Vertices & Surface Properties         |
| Components     | 3D Geometric Models, Surface Models, Activity Cards & Educational Accessories |
| Material       | Durable, Educational Grade Components                                         |
| Application    | Mathematics Practicals, Geometry Activities & STEM Learning                   |
| Suitable For   | Schools, Colleges, Mathematics Laboratories & Educational Institutions        |

### KIT DETAILS

The **3D Shapes, Vertices, Edges and Surface Models Kit** enables students to explore cubes, cuboids, prisms, pyramids, cylinders, cones, and spheres using realistic models. It develops spatial visualization, geometric reasoning, and conceptual understanding of

faces, edges, vertices, and surface characteristics through interactive activities. Ideal for mathematics laboratories, classrooms, and STEM-based education.