## - ALTEC

| Product Name : | Product Code : |
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| Basic 3D Geometrical Collapsible Model | SCHOOLSMD1169 |



## Description :

## Basic 3D Geometrical Collapsible Model

## Technical Specification :

This is used to demonstrate geometrical relationships between polygons (2D) and polyhedrons (3D) in terms of deriving formula on surface area and volume.

Collapsible Basic 2D-3D Geometrical Solid Models include:
a) Cube: $10 \mathrm{~cm} \times 10 \mathrm{~cm} \times 10 \mathrm{~cm}$
b) Cone: Height $=10 \mathrm{~cm}$; Base diameter $=10 \mathrm{~cm}$
c) Cylinder: Height $=10 \mathrm{~cm}$; Base diameter $=10 \mathrm{~cm}$
d) Hexagonal prism: Height $=10 \mathrm{~cm}$; Length of sides $($ Base $)=5.18 \mathrm{~cm}( \pm 0.02 \mathrm{~cm})$
e) Hexagonal pyramid: Height $=10 \mathrm{~cm}$; Length of sides $($ Base $)=5.18 \mathrm{~cm}( \pm 0.02 \mathrm{~cm})$
f) Pentagonal prism: Height $=10 \mathrm{~cm}$; Length of sides $($ Base $)=6.26 \mathrm{~cm}( \pm 0.02 \mathrm{~cm})$
g) Pentagonal pyramid: Height $=10 \mathrm{~cm}$; Length of sides $($ Base $)=6.26 \mathrm{~cm}( \pm 0.02 \mathrm{~cm})$
h) Square prism: $10 \mathrm{~cm} \times 5 \mathrm{~cm} \times 5 \mathrm{~cm}$
i) Square pyramid: Height $=10 \mathrm{~cm}$; Base diameter $=10 \mathrm{~cm}$
j) Triangular prism: Height $=10 \mathrm{~cm}$; Length of sides $($ Base $)=10.35 \mathrm{~cm}( \pm 0.02 \mathrm{~cm})$;and
h) Triangular pyramid: Height $=10 \mathrm{~cm}$; Length of sides $($ Base $)=10.35 \mathrm{~cm}( \pm 0.02 \mathrm{~cm})$
2) Each solids is made of clear and durable plastic with rounded corners and edges, and 11 corresponding matching folding nets in 6 colours made from soft plastic that fits inside the solid.

Size of each solids ranges from: 100 mm in height Tender product as per DEPED Guidelines.

## $\triangle$ ALTEC ${ }^{m}$

## Equipments Exporters

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