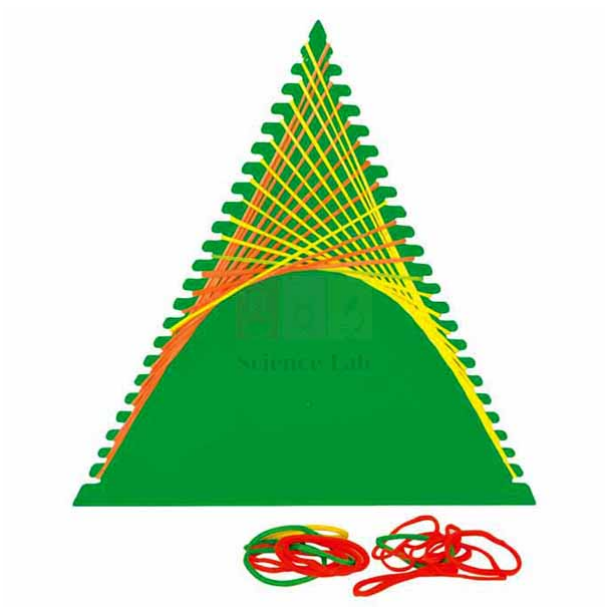
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Product Name :

Construction of Parabola

Product Code :

SLE/MAT/79



Description :

Construction of Parabola (Product Code: SLE/MAT/79) is a plastic triangular plate used to construct a parabola from straight lines of rubber band in senior-secondary maths lessons on conic sections. Teachers and students use it because its equally marked slots — 24 on each side of a 19 cm x 20 cm plate — turn an abstract curve into a hands-on build. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Material	Plastic
Form	Triangular plate
Slots	24 equally marked slots on each side
Size	19 cm x 20 cm
Construction method	Slots joined with rubber bands to form a parabola
Rubber bands	Inclusion not stated — ask us
Product code	SLE/MAT/79
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Construction of Parabola Plate Used For?

The plate shows that a curve can be built entirely from straight lines. Pupils stretch a rubber band from the first slot on one side to the last slot on the other, then from the second slot to the second-last, and continue along the slots. Each band touches the curve as a tangent, and together the bands outline a smooth parabola — the method known as curve stitching, or the envelope of lines.

Students of conic sections can then compare the stitched curve with the focus-and-directrix definition of a parabola, identify its axis of symmetry and discuss why parabolic shapes appear in reflectors and arches. Because the plate is reusable, the construction can be repeated quickly for teacher demonstrations or small-group practicals in a school maths lab.

OEM Manufacturer

Construction of Parabola is made by ScienceLab (Jain Scientific Equipments Private Limited), which is the OEM (original equipment manufacturer) of this maths demonstration plate. It is produced at the company's own licensed factory at Saha, Ambala, Haryana, India, so senior-secondary schools, colleges, dealers and importers buy from the maker itself. Extra plates and repeat orders are handled by the manufacturer — ask us. More is on the ScienceLab profile.

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