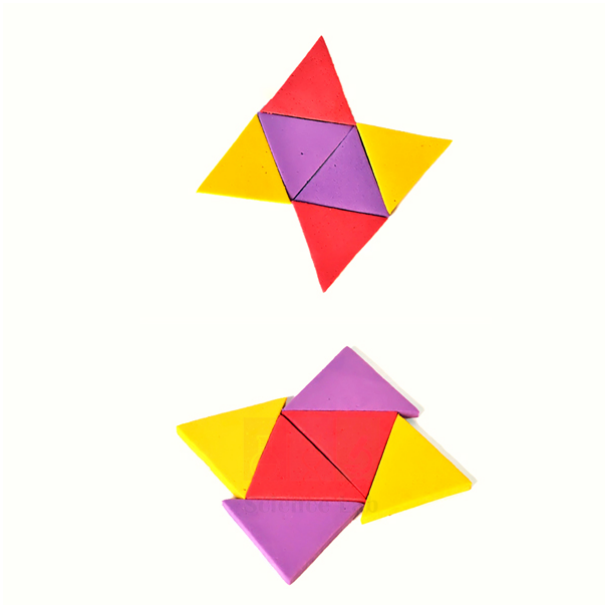
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Sorting Kits Triangle

Product Code :

SLE/LP/16



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Sorting Kits Triangle (Product Code: SLE/LP/16) is a set of different types of triangles in three colours, used to develop geometric thinking by sorting and classifying triangles in school maths. Groups of up to 4 children aged 8–14 years sort the pieces in different ways and look for the geometric basis of each grouping, moving from how a triangle looks to what defines it. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as one ofits mathematics lab kits for geometry teaching.

Key Details

Parameter	Detail
Contents	A set of different types of triangles
Colours	Three different colours
Group size and age	Up to 4 children, 8–14 years
Concepts	Properties and classification of triangles; angle sum property; congruence and similarity; relationships between different shapes
Approach	Sorting in different ways and exploring the geometric basis for sorting; moving from a visual to an analytical understanding of shapes
Product code	SLE/LP/16
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Triangle Sorting Kit Used For?

A first sort is often by colour, and that is useful precisely because colour turns out not to be a geometric property. The teacher then asks for new sorts — by equal sides, by the largest angle, by whether there is a right angle — and children discover the categories equilateral, isosceles and scalene, and acute, right and obtuse, for themselves.

Laying one piece over another is a direct test of congruence, while comparing triangles that share a shape but not a size introduces similarity. Tracing a triangle on paper, tearing off its three corners and fitting them along a straight line shows the angle sum property in a way pupils remember. Together these activities move children from recognising triangles by sight to reasoning about them.

What to Specify When Ordering

- Which kit you need: triangles (three colours), quadrilaterals (Sorting Kit Quadrilateral, two colours), or both.
- The number of kits — each serves a group of up to 4 children.
- A request to confirm the number of pieces and their material in the quotation.

Manufacturer

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Phone: +91-7082934803