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Product Name :

Dienes Blocks Plastic

Product Code :

SLE/LP/13



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Description :

Dienes Blocks Plastic (Product Code: SLE/LP/13) is a plastic base-ten block kit used to teach place value, decimals, algebraic identities and measurement in school maths labs. Each small cube weighs exactly 1 gram, has a volume of one cubic centimetre and faces of one square centimetre, so the same pieces serve as units of weight, volume and area. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, as educational lab equipment for groups of up to 4 children aged 6–14 years.

Specifications

Parameter	Detail
Contents	100 small cubes, 20 rods, 5 plates and 1 large cube
Material	Plastic
Small cube weight	1 g each
Small cube volume	1 cm^3 each
Small cube face area	1 cm^2 per face
Group size and age	Up to 4 children, 6–14 years
Activity guide	Write-up with details of the activities
Number topics	Whole-number and decimal place value; addition and subtraction algorithm; decimals in expanded form; algebraic identities and factorisation
Measurement topics	Units for volume, area and weight activities
Product code	SLE/LP/13
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Are Dienes Blocks (Plastic) Used For?

What sets this kit apart is that its smallest piece is also a standard unit. Children cover a flat shape with small cubes to find its area, first as a count of uniform units and later in square centimetres. They stack cubes to build a volume they can read in cubic centimetres, and place cubes on a balance pan to weigh light objects in grams.

In number lessons the rods, plates and large cube model whole-number and decimal place value, and they help pupils follow each step of the addition and subtraction algorithm. Older students arrange plates and rods into rectangles to show algebraic identities and factorisation. Having one set serve both number and measurement makes it practical educational laboratory equipment in India for schools stocking a maths lab on a single budget line.

Supplier

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