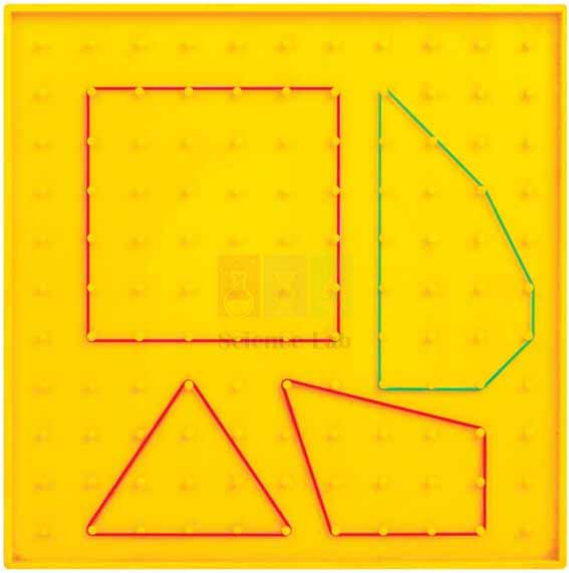
Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Double Sided Geoboard

Product Code :

SLE/MAT/77



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

Description :

Double Sided Geoboard is a plastic pin board with two layouts: an 11 x 11 pin grid on one face and a 24-pin circular pattern on the other. Pupils stretch rubber bands between pins to make shapes they can change at once, then work on area,perimeter, symmetry, coordinates, angles and fractions of a circle.

Geoboard layouts and material

Parameter	Detail
Material	Plastic
Side one	11 x 11 pin grid
Side two	24-pin circular pattern
Used with	Rubber bands (inclusion not stated in the listing)
Topics	Shapes, designs, spatial relationships, angles, fractions, area, perimeter, symmetry, coordinates
Product code	SLE/MAT/77
Minimum order	10 units
Dispatch	Usually within 7 to 10 working days
Manufacturer	ScienceLab (Jain Scientific Equipments Pvt Ltd), Ambala, India

Geoboard activities for the maths lab

Area of a triangle on the grid side. Pupils stretch a rubber band around a right triangle with its two shorter sides along the lines of pins, then add a second band to complete the rectangle around it. They count the squares, see that the triangle is half the rectangle, and check with half base times height.

Coordinates and transformations. Take one corner pin as the origin and name every pin by an ordered pair. Pupils build a triangle, then its reflection in a marked line, a translation and a rotation about a pin, and record the new coordinates. A coordinate board carries the same work onto labelled axes.

Angle in a semicircle. On the circular side, stretch a band between two pins directly opposite each other to form a diameter, then join both ends to a third pin. Pupils measure the angle there with a protractor and find a right angle wherever the third pin is placed.

Regular polygons. Joining every fourth pin of the circle gives a regular hexagon, and every sixth pin gives a square. Pupils compare interior angles and side counts, then move on to triangle-based shapes on the isometric grid geoboard.

Fre rd

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