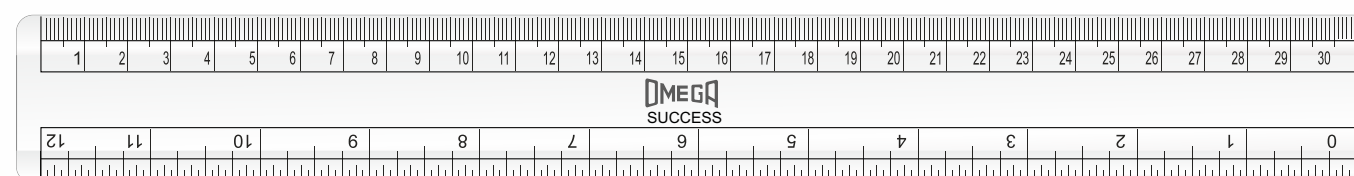


It is the supreme art of the teacher to awaken joy in creative expression and knowledge.

Albert Einstein

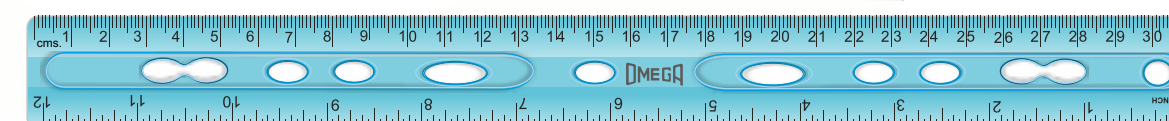


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OMEGA
 EDUCATIONAL AIDS
Beyond the Textbooks

Discover the Fun





Allied Instruments Private Limited was established in 1964. It has been the leading manufacturer and exporter of School & Office Stationery from India for the last 23 years.

In the year 1995, we branched out in to custom/OEM manufacturing of Math & Science Manipulatives and today we have a sizeable range of products to our credit that focuses on innovative, hands-on manipulative based learning.

For over two decades, we have been a trusted manufacturer that a majority of world's leading educators, top companies and NGOs have depended on with confidence, and we work hard to maintain that trust.

Our in-depth business experience, expertise and industry connections enable us to provide quality products at a competitive price and in a shortest lead time. Our understanding and commitment to quality and safety have been instrumental in building lifelong business relationship with our customers. Our products are independently tested and meet or exceed the International Safety Standards.



Our Production Facility

Production Facility: To date, we have 3 hi-tech manufacturing units equipped with a fleet of CNC (Computer Numerical Controlled) precision injection moulding machines, state-of-the-art dies and moulds producing original-designed products destined for a vast domestic & export markets. The company has its own tool rooms for the production of dies and moulds and all our products are designed and developed in-house enabling us to respond quickly to market changes. Special printing facility is available in-house for some of our products. Using the latest in high speed robotic technology, shorter cycle times can be achieved with optimum productivity at a very competitive price's to our customers. We have a team of skilled engineers & designers with vast experience of taking a product / industrial component right through from concept to manufacture.

This catalogue represents our best selling products in India and Internationally. For additional products or new products development, simply contact us at +91 22 2868 8921 or send us an email at psm@omegastationery.com to tell us exactly what specific products you need and request a quote. Short runs and lead times are no problem! We will be happy to service your product requirement on schedule, on budget and in a shortest possible lead time.





Base Ten Sets

Base 10 blocks are a mathematical manipulative used to teach basic mathematical concepts like place value, addition, subtraction, number sense, and counting. Student can manipulate the blocks in different ways to express numbers and patterns.

1234 Base Ten Set : 100 Cubes, 10 Rods, 10 Flats & 1 Block

Also available individually

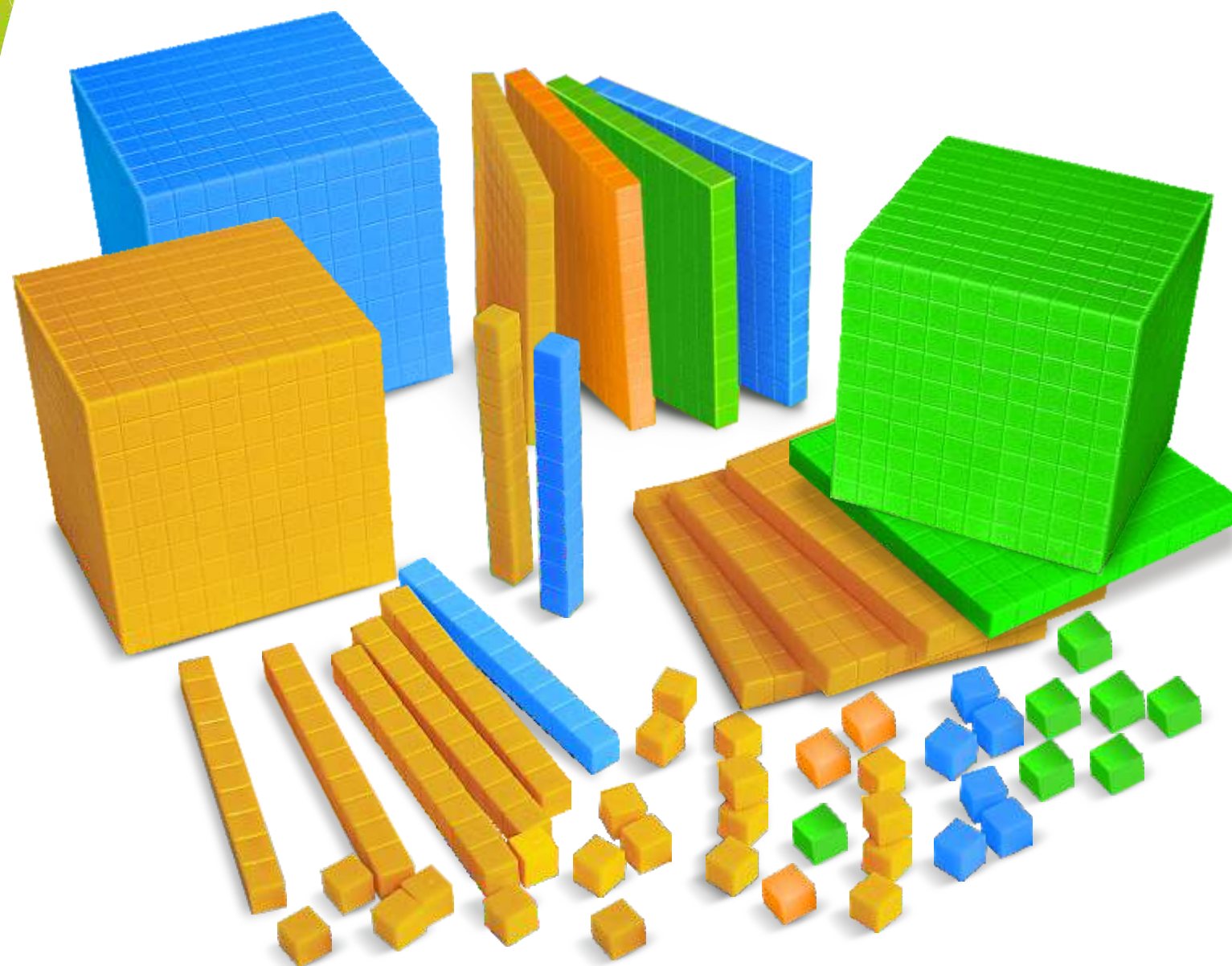
3703: Cubes, 1 x 1 x 1 cm, 100 pcs

3704: Rods, 10 x 1 x 1 cm, 10 pcs

3705: Flats, 10 x 10 x 1 cm, 10 pcs

3706: Decimeter Block, 10 x 10 x 10 cm, 1 pc

Available in colours: Yellow, Blue, Orange & Green



Interlocking Base Ten Sets

Interlocking pieces for greater versatility in Base 10 activities. Useful for teaching volume, surface area, measurement, place value, grouping and counting concepts.

Art No:1234 : Set of 100 Cubes, 10 Rods, 10 Flats & 1 Block

Art No: 1234 : Cubes, 1 x 1 x 1 cm, 100 pcs

Art No: 1234 : Rods, 10 x 1 x 1 cm, 10 pcs

Art No: 1234 : Flats, 10 x 10 x 1 cm, 10 pcs

Art No:1234 : Decimeter Block, 10 x 10 x 10 cm, 1 pc



Base Ten Decimal Block Thousandths Chips



Set of 1,000 Base Ten Thousands Chips can be added to your Base 10 products for teaching decimals. These chips transform your Base 10 Blocks into versatile decimal manipulative, making them perfect for teaching decimals effectively.

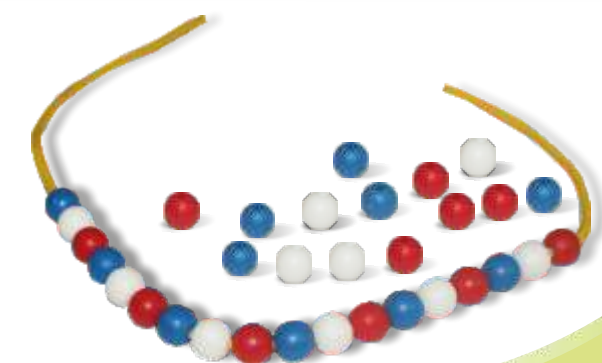
Art No: 1234 : Set of 1000 thousandths chips in a plastic bag



Lacing Beads

Lacing beads are a great way to develop motor, counting, sequencing & color recognition skills. Each set comes with approximately 50 pieces of 11 mm spherical beads in combination of 6 colors. They come with a string for lacing

Art No 1234 : A set of 50 solid plastic beads with 3 mm diameter hole, available in 6 colours and with five 1 meter long strings





Hex-A-Fix Cubes

Used to develop counting, sorting, sequence, graphing, patterning, measuring and basic mathematic operations. Connectable at six sides and rotate to develop spatial awareness, creativity, problem solving and fine motor skills. Unique connection design that is guaranteed not to wear or loosen with constant use

Art No.1234 : Set of 100

Art No.1234 : Set of 500

Art No.1234 : Set



Available in 10 colours



2-Colour Counters

Teaches basic operations, sorting, graphing, perimeter, area, volume and probability.

Art No. 1234 : A set of 100, 1" diameter, plastic counters, double sided in two colours Red & Yellow.

Also Available in Red & Blue

Colour Tiles



Teach basic operations, sorting, graphing, perimeter, area, volume and probability. Also ideal for counting and color recognition activities.

Plastic, 1" Colour Tiles, 4 colours - Red, Green, Blue & Yellow

Art No. 3456 : Thin Tiles : 2 mm Thickness
Art No. 3458 : Thick Tiles : 5 mm thickness

Stackable Counters



Great learning activities for counting, sorting, sequences and color recognition. Use as part of your mathematic lesson plans or let students create games on their own. Our Stackable Counting Chips have ridged edges to make them more sturdy when stacked

Art No. 1234 : A set of 250 pcs in 5 colours : Red, Orange, Yellow, Blue & Green.

Chain Links

A cool game for children to improve the hand eye coordination using bright and attractive colours. Helps build up their skills in counting, patterning, sorting and measuring. Improves motor skills and helps the child grasp things faster. Easy to handle and join.

Art No. 1234 : A Set of 1000 Pcs in 4 Colours



Fractions Rods (Cuisenaire Rods)

Spark students' interest in mathematics and help them understand important math concepts as they progress from concrete representation to abstract thinking with Cuisenaire Rods! The rods provide endless opportunities to introduce, investigate, and reinforce key math topics, such as addition, subtraction, multiplication, division, geometry, measurement, and more!

Art No. 3583 : Set of 74 Pieces in Ten Colours

Consisting of :

1 cm - 22 pcs - White	6 cm - 04 pcs - Dark Green
2 cm - 12 pcs - Red	7 cm - 04 pcs - Black
3 cm - 10 pcs - Light Green	8 cm - 04 pcs - Brown
4 cm - 06 pcs - Pink	9 cm - 04 pcs - Blue
5 cm - 04 pcs - Yellow	10 cm 04 pcs - Orange





Equivalence, Fraction, Decimal, Percentage Tiles

This tiles have been designed to help students learn the relationship between fractions, decimals, and percentages. A set of 51 proportionally-sized pieces representing a whole, halves, quarters, fifths, sixths, eighths, tenths & twelfths in 9 distinct colours.

Art No. 1234 : Fraction Tiles
Art No. 1234 : Decimal Tiles
Art No. 1234 : Percentage Tiles

Hollow Pattern Blocks



* Any combination could be offered

Classify the plastic geometrical shapes and find their relationships, develop pattern symmetry and problem solving. These 1 cm thick pattern blocks are made of sturdy plastic with a cookie cutter-type design. The set contains 250 pieces in six shapes viz 25 yellow hexagons, 50 red trapezoids, 50 blue rhombus, 50 green triangles, 25 orange squares and 50 beige rhombus. Come packed in a plastic storage box

Art No. 3227 : Set of 250 Pieces

Also available individually
Art No. 3227 : Small Rhombus
Hollow - Beige
Art No. 3228 : Big Rhombus
Hollow - Blue
Art No. 3229 : Triangle
Hollow - Green
Art No. 3230 : Square
Hollow - Orange
Art No. 3231 : Trapezoid
Hollow- Maroon
Art No. 3232 : Hexagon
Hollow - Yellow

OMEGA

Opaque Tangrams

An excellent resource for spatial problem solving tasks. Nice and safe for children to learn about congruent and similar shapes, symmetry, angles, area and fractions.

from soft plastic
Dimensions: 10 x 10 x 0.2 cm

Art No. 1234 : 4 Sets (28 Pieces), 4 Colours
Art No. 3061 : Single Set



Overhead Tangrams

For use on overhead projectors
Made from soft plastic
Dimensions: 10 x 10 x 0.2 cm

Art No. 1234 : 4 Sets (28 Pieces), 4 Colours
Art No. 3062 : Single Set





Attribute Blocks

Desktop blocks made of top-quality polystyrene plastic. With the attributes of size, shape, colour and thickness, they assist in development of problem solving using logic. The related sizes make them useful for demonstrating fractions and their relationships.

Art No. 3227 : Set of 60 Pcs consisting of
5 shapes,
2 thicknesses,
2 sizes and
3 colours in a pack.



Pentominoes

Ideal for developing spatial reasoning, problem-solving skills as well as for traditional pentominoes' activities. Made from solid plastic, durable for classroom use. Available in 6 colours - red, blue, green yellow, orange and purple.

Art No. 32xx : Pentominoes Set of 12 Pieces
Available in 6 Colours

Relationship Solid

Relationship Solids or Geometric Solids are ideal tools to explore shapes, sizes and the relationships between area and volume. Explore and compare volume using any wet or dry material. Removable base and stopper for easy filling.

Art No. 32xx : A set of 15 Solids with lids including cube, cone, triangular prism, rectangular prism, pentagonal prism, hexagonal prism, square pyramid, cone, triangular pyramid, rectangular pyramid, pentagonal pyramid, hexagonal pyramid, sphere and hemisphere.

Made of durable plastic, with rounded corners and edges. 8 cm base



GeoBoards

This set represent a square board with pins which allow a child to create geometric figures with rubber circles.

Double Sided Isometric Geoboard contributes to the development of spatial and associative thinking, imagination and ability to follow examples. A child will be able to create geometrical figures as well as letters and numbers. Made of durable polypropylene.

9" Geoboard Double-sided

Isometric/Square Array Geoboard

These colourful isometric 9" (23 cm) square geoboards are double-sided with an 11 x 11 pin grid array on one side and an 11 x 11 isometric pin array on the other. Each set includes 6 colours and a pack of 25 rubber bands.

Available in 6 colours with rubber bands

3108 Y : Yellow **3108 O :** Orange **3108 R :** Red

3108 P : Purple **3108 B :** Blue **3108 G :** Green

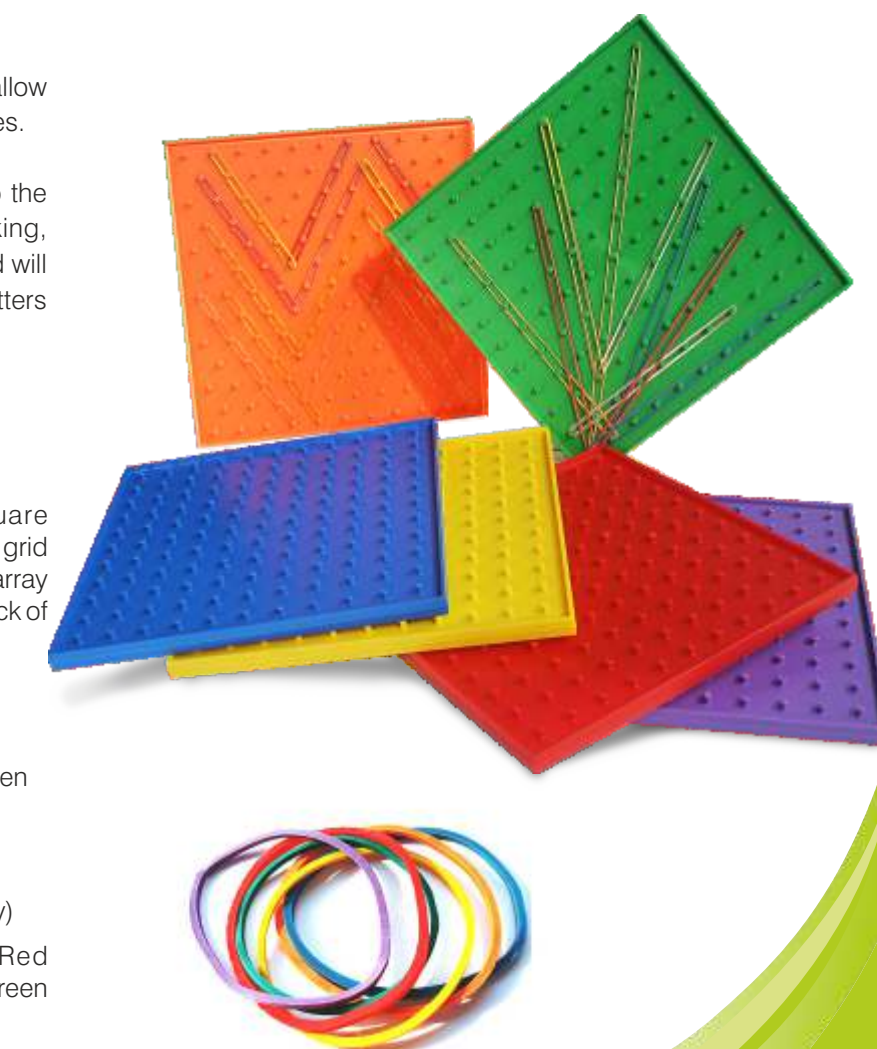
Packing: 6 pcs shrink wrapped

Also available

9" Geoboard Single-sided (11x11 pin square array)

310X Y : Yellow **310X O :** Orange **310X R :** Red

310X P : Purple **310X B :** Blue **310X G :** Green





5" Double-sided Geoboard

5x5 pin grid / 17 pin Circular Geoboard

Art No. 3104 Y : Yellow Art No. 3104 O : Orange
Art No. 3104 R : Red Art No. 3104 P : Purple
Art No. 3104 B : Blue Art No. 3104 G : Green



7" Double-sided Geoboard

5x5 pin/Circular 24 pin Geoboard

A classic 5x5 Geoboard on one side and circular 24 pin Geoboard on the other side. The Circle Geoboard has one pin every 15", a center pin and corner pins.

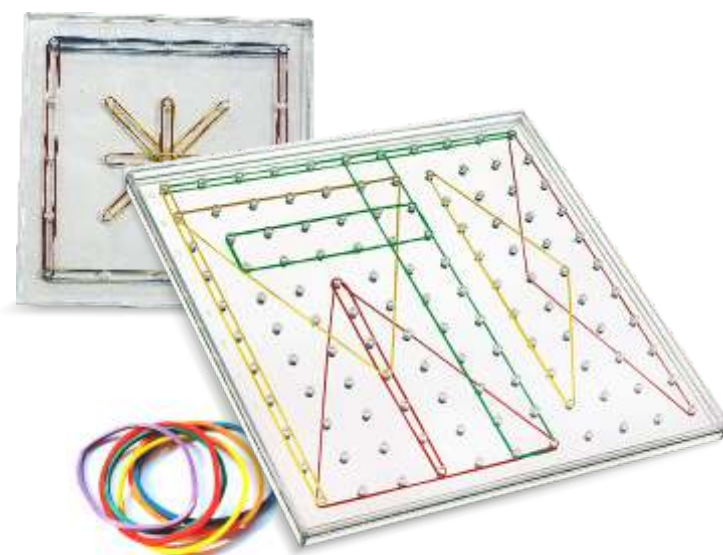
Available in 6 colours with rubber bands

3108 Y:Yellow 3108 O:Orange 3108 R:Red
3108 P : Purple 3108 B : Blue 3108 G : Green

Also available :

6" Double-sided Geoboard

3107 Y : Yellow 3107 O : Orange 3107 R : Red
3107 P:Purple 3107 B:Blue 3107 G:Green



6" Transparent Geoboard Single-sided

Made from shatter-proof, clear plastic for use on an overhead projector. Rubber bands included.

Art No. 1234 : 5x5 Pin Array
Art No. 1234 : Circular 24 Pin

Art No. 1234 : 11x11 Pin Square Array
Art No. 1234 : 11x11 Pin Isometric Array

Also available :

9" Transparent Geoboard, Single-sided

Mini Number Balance

Art No. 3020

Designed to help student gain insight to abstract number and operations concepts, algebraic equations, and more. With this balance you can display number relationships of equal to ($=$), greater than ($>$), or less than ($<$), basic operation skills and more with this self-checking balance



Elementary School Balance

Art No. 30XX

Elementary School Balance-Molded from high-impact styrene, this durable and accurate balance has a capacity of 2000 grams and is readable to 1 gram. It features a zero adjust knob and two removable 10 cm square pans.

Includes: 8-piece brass mass set (50 gram, 20 gram, 10 gram, 2 x 5 gram, 2 x 2 gram, and 1 gram weights and activity guide.



Primary School Balance

Art No. 30XX

This durable balance will aid in determining mass of liquids and solids. The buckets come in a clear plastic for easy measurement and are shaped to help in the centering of the materials.

The Balance comes with a plastic weight set (2 x 20 gms, 4 x 10 gms and 8 x 5 gms) and a metal weight set (2 x 1 gm, 2 gm, 5 gm, 10 gm, 20 gm and 1 x 50 gm) Activity guide included.

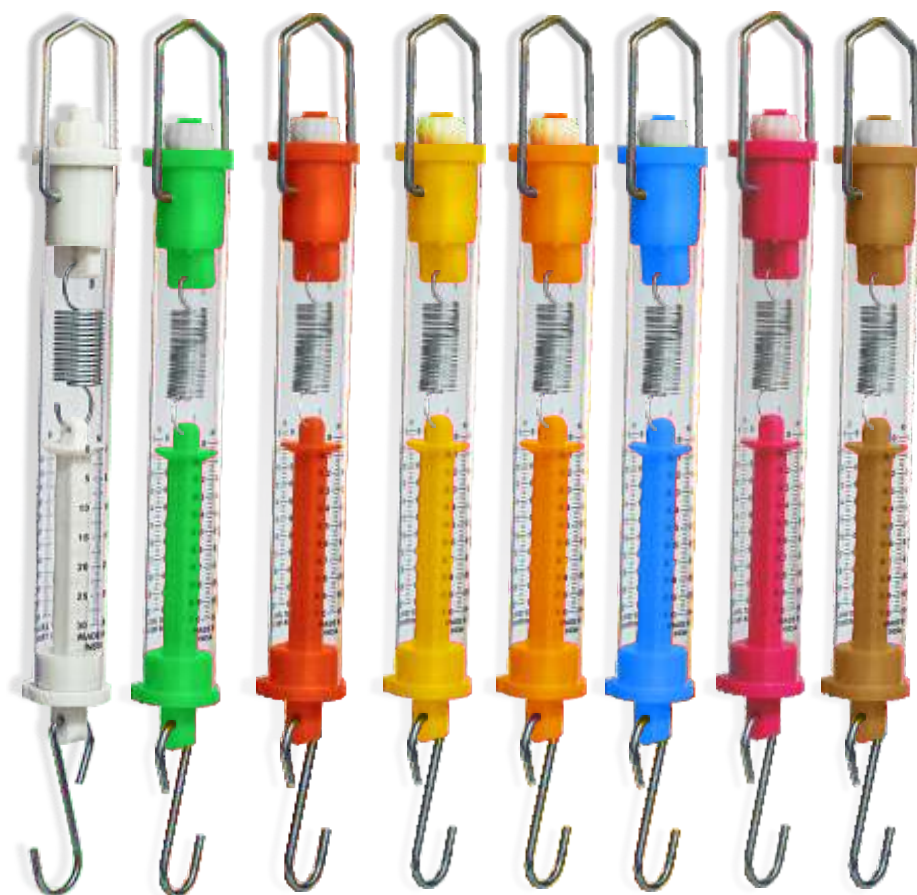




Student Balance

Art No. 30XX

This easy-to-read balance has two 500 ml coloured buckets that can be used to balance and weigh a variety of liquid or solid materials. This durable and economical balance has a capacity of 2000 gms, is readable to 1 gm and has an easy-to-use sliding zero adjustment. Included are two lids to make a pan balance. Activity guide included.



Colour-Coded Spring Scale Balance

This series of eight Colour-Coded Spring Scales can be used for both force and mass measurements. Each scale is calibrated in both Newtons and Grams. The top is flat on one side so that the scale can be used with an inclined plane. The scales incorporate a unique zero adjustment. The main feature is the clear plastic tube, which allows students to see the action of the spring.

Art No. 31XX : 100 g/1.0 N

Art No. 31XX : 250 g/2.5 N

Art No. 31XX : 500 g/5.0 N

Art No. 31XX : 100 kg/10 N

Art No. 31XX : 100 kg/20 N

Art No. 31XX : 100 kg/30 N

Art No. 31XX : 100 kg/50 N

Art No. 31XX : 10 kg/100 N

Art No. 31XX : Set of 8

Geared Clocks

Made of durable molded plastic with colour-coded geared hour and minute hands. Hidden gears maintain correct hour and minute relationships as time-telling concepts are demonstrated. Minute and hour hands move together. Large 12 hour marking make it easy for the student or teacher to demonstrate time telling. The clock also has a countdown of minutes by 5s on the inner circle of the clock to help students read the clock to the nearest 5 minutes.

Art No. 31XX : Teacher's Clock (12.8")

Art No. 31XX : Student's Clock (10 cm)

Art No. 31XX : Student's Clock (Pack of 10)

Art No. 31XX : Classroom Clock Set (includes 1 Teacher's Clock & 24 Student's Clock)



Trundle Wheel

This all-plastic trundle wheel comes with a loud, non-wearing, clicking device which is activated in either direction with each full meter revolution. It is a unique method for measuring long distances in the classroom or outdoors. Comes apart into 2 pieces for storage and is easily reassembled.

Art No. 31XX





Mathematical Instruments

Percentage Protractor



Art No. 1538 :

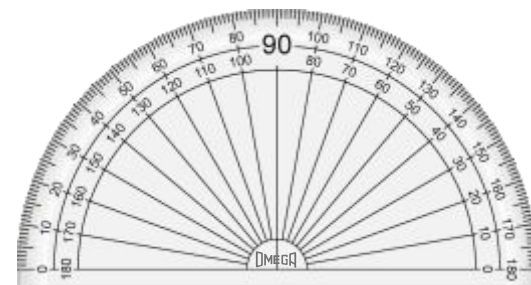
Create circle graphs with ease. Students compute the percentage represented by their data and then mark the proper divisions with the percent scale. Clear plastic with a 5" diameter



Economy Protractor Semi Circular 15 cms

Art No. 1537:

Clear plastic protractors are ruled in 1" graduations to 180°. Students can measure up to 10 cms in the cut-out center and up to 6" on the bottom.



Semi Circular Protractor 10 cms

Art No. 1502:

Clear plastic protractors are ruled in 1" graduations to 180°.

LIBA PRO CIRCLE



OMEGA PRO CIRCLE

Art No. 1901 :

Dimensions : Diameter 106 mm x 2 mm 360° Each piece packed in a PP bag & PVC pouch.

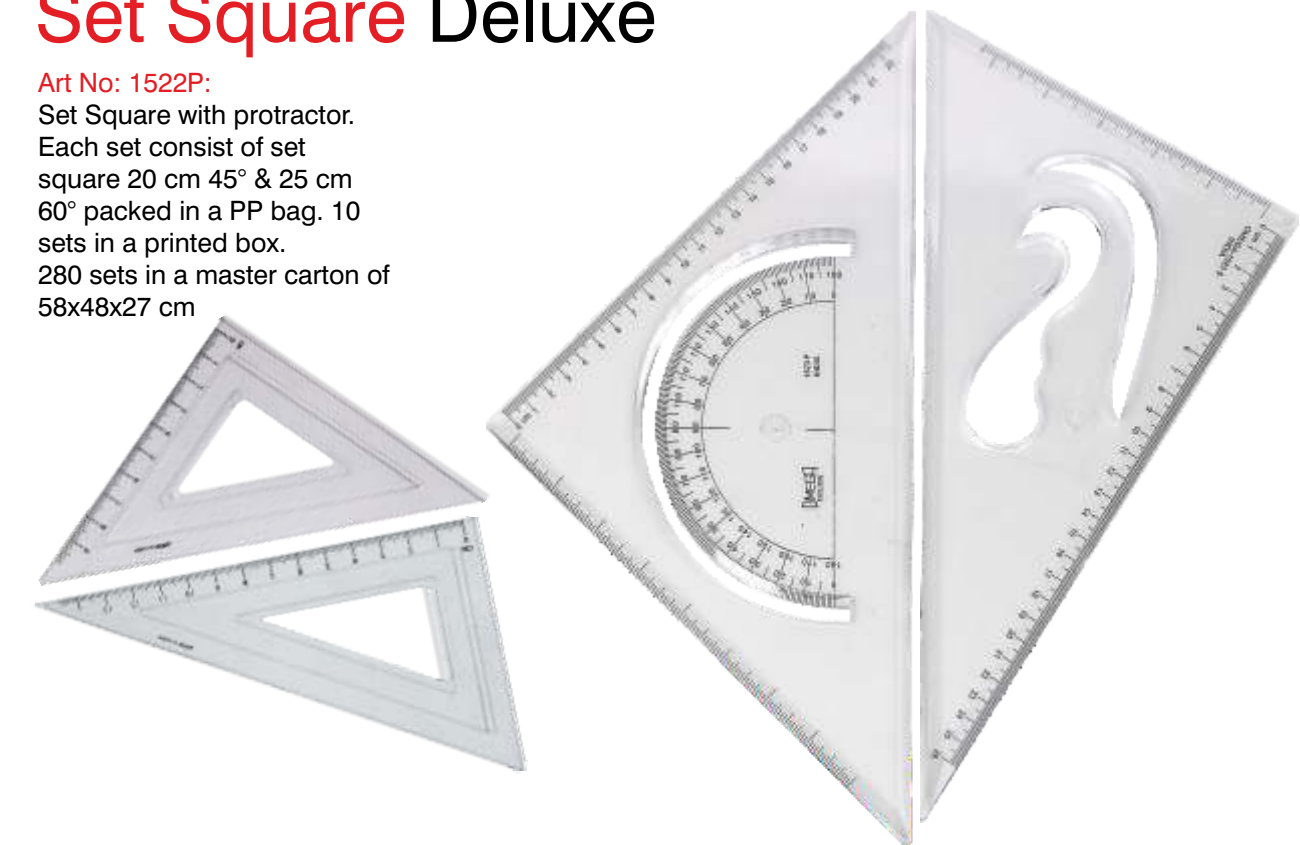
Art No. 1906 :

Dimensions : Diameter 106 mm x 2 mm 360° Each piece packed in a PP bag.

Set Square Deluxe

Art No: 1522P:

Set Square with protractor.
Each set consist of set square 20 cm 45° & 25 cm 60° packed in a PP bag. 10 sets in a printed box.
280 sets in a master carton of 58x48x27 cm



Dustless Chalk

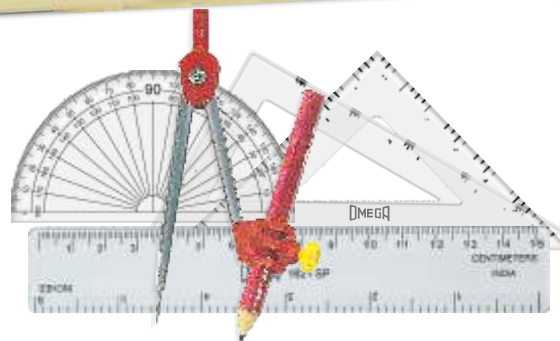




Mathematical Instrument Box



Art No.: 1636
9 Pieces compass box containing
Set Square 60°, Set Square 45°,
Compass, Divider, Pencil, Eraser,
15 cm Ruler, Protractor 180° and
Sharpener in a metal container.



Deluxe Loose Compass

Art N o. 1516
Self centering with double gears, Very
strong made from glass Reinforced
plastic. Shortened safety points for
student safety



Drawing Set

Art No.: 1548
Containing :
Set square 60°, Set square
45°, 15 cm Ruler,
Protractor— Semi circular 180°
Each set in a BOPP pouch, 30
sets in a outer box,
360 sets in a master carton of
40x34x38 cm
Colours : Transparent.



Black Board Set

Our Black board sets are made of durable high impact polystyrene. Detachable handles are push fitted on to the parts. All components are 5 mm thick. Anti-slip rubber pads can be provided if desired. Fully compatible for white board use. Also magnetic rubber pads can be provided to use on Magnetic Boards.

Art No.: 1570

BLACK BOARD SET

Each set consist of: 1 compass cum divider (#1550),
1 protractor with detachable handle (#1574),
1 Set square 45° with detachable handle (#1573),
1 set square 60° with detachable handle (#1572),
1 Folding ruler 1 meter with detachable handle (#1571)
1 duster (#1562)



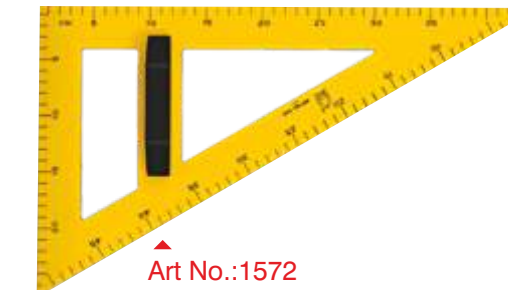
Art No.: A 1557

WHITE BOARD PEN ADAPTOR

Adaptor is to be used with black board compass. Fits all
standard size as of with board markers.



Art No.: 1573



Art No.: 1572



Art No.: 1574



Art No.: 1571

Art No.: 1572



1560 Black Board Duster Handy

1562 Black Board Duster Heavy

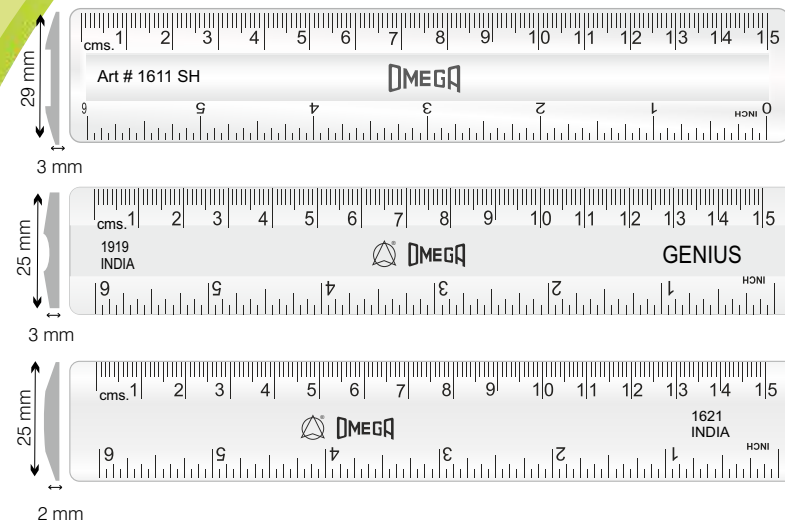
1562 Black Board Duster Light





Rulers

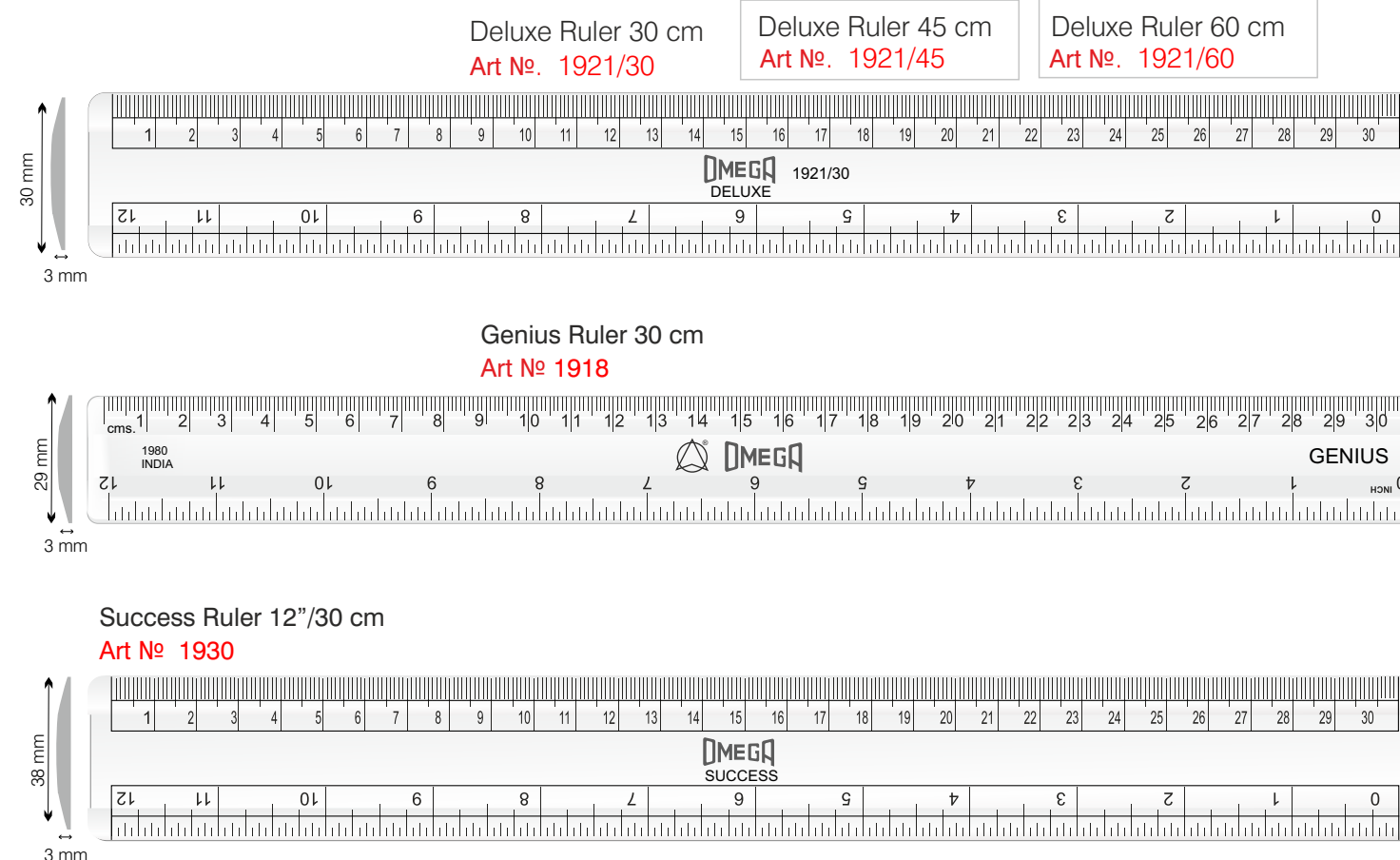
Clear Plastic Ruler & Shatter Proof Flexible Rulers



Omega Ruler 15 cm
Art No. 1611SH

Genius Ruler 15 cm
Art No. 1919

Liba Ruler 15 cm
Art No. 1621SP



Deluxe Ruler 30 cm
Art No. 1921/30

Deluxe Ruler 45 cm
Art No. 1921/45

Deluxe Ruler 60 cm
Art No. 1921/60

Genius Ruler 30 cm
Art No. 1918

Success Ruler 12"/30 cm
Art No. 1930

OMEGA



Digital Ruler 30 cm Art No. 1929

Handy Ruler 30 cm Art No. 1944

Eco Ruler 30 cm Art No. 1922

Scholar Ruler 30 cm Art No. 1924

Column Ruler 30 cm Art No. 1923

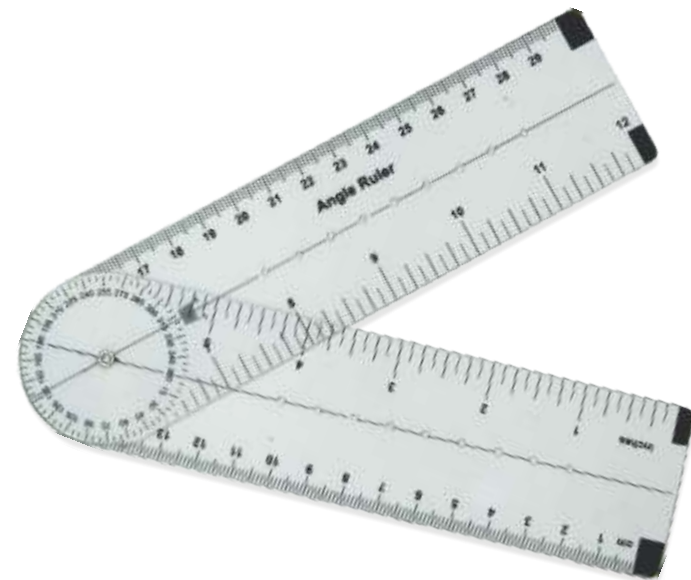
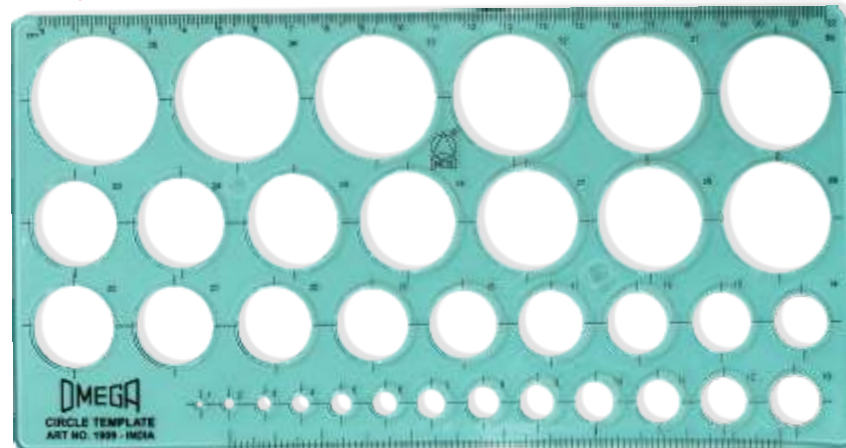
Ring Binder Ruler 30 cm Art No. 1926

Also available in Shatter Resistant Material
Colours : Red, Yellow, Orange, Purple & Green



Circle Template

Art No



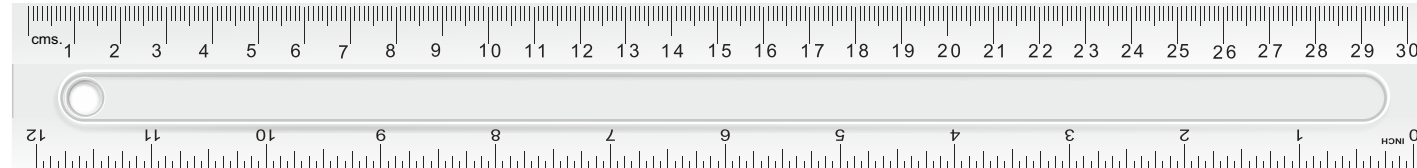
Angle Ruler

Art No 3348

Flexible, clear, plastic ruler measures inches, centimeters, and degrees. Contains 12", 30 cm, and 360° scales.

Hang Up Hole Ruler

Art No:



Letro Ruler 30 Cm

Art No. 1938



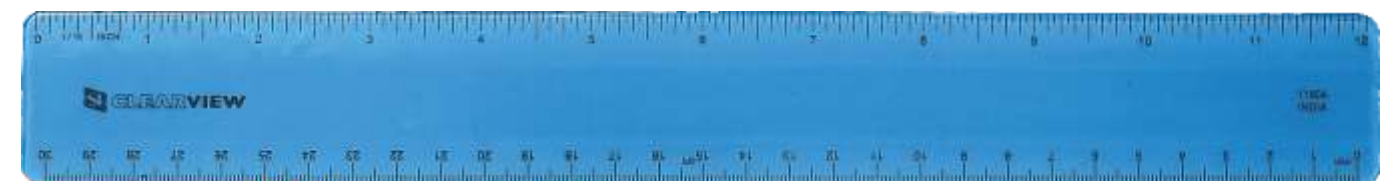
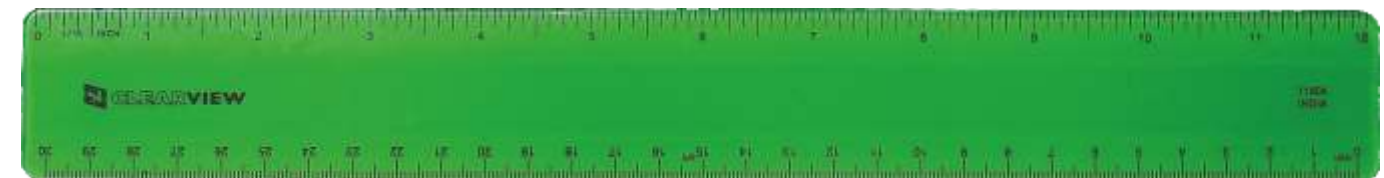
OMEGA

Flexible Ruler 30 cm

Art No. 3346

Made from Shatter-Resistant material.

Available in Red, Blue, Green, Yellow, Purple & Orange.



Shatter Proof Ruler 30 cm



Art No. 1938

Available in Blue, Pink, Green & Orange