

Secondary Mathematics Lab Kit



Product Categories: [NCERT Approved Education kits](#)

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Product Page:

<https://www.labappara.com/product/senior-secondary-mathematics-lab-kit/>

Product Description

Secondary Mathematics Lab Kit:

National Council of Educational Research & Training (NCERT), New Delhi, an autonomous organization under Ministry of Human Resource Development (MHRD), Government of India (GOI), has empanelled SCIENTIFIC INSTRUMENT TRADERS for manufacturing and supplying of Educational School kits developed by NCERT. We are manufacturing and supplying superior quality Science Kits. Manufactured using premium quality raw material that assure its robust construction, corrosion & break resistance and longer service life, our offered products are highly appreciated all across the nation.

NCERT Science & Mathematics Kits. It is Use for teaching purpose in all school.

S.No Item Name Figure/stapes Specification Quantity per Kit

1

Kit manual

Kit manuals may be purchased from sales counter of Publication Division, NCERT, New Delhi. The price of all the kit manuals are ranging Rs.50 to 200/-

1 No.

2

Kit box with carton

Plastic molded box in Blue colour overall size 340mmx340mm x height 110/115 mm and sheet thickness 5mm. Two parts and joint with two pines on side all corner round shape and top to bottom taper 10 degree approx and handle for carrying with locking system. Inner side arrange for partition two pieces taper shape plastic strip for partition. Outer side engraving

01 No.

3

Plastic Strip (A Type)

Transparent Perspex/Plastic moulded 264 x 20 x 2.7 mm to 3 mm having 3 slots of width 5 mm. at a distance of 0 to 30 mm. next 50 to 200 mm. and again 220 to 250mm. numbering on 0 to 25Cm.with mm. both side, all marking and numbering with center line in black colours.

08

4

Plastic Strip (B Type)

Transparent Perspex/Plastic moulded 264 x 20 x 2.7 mm to 3 mm having 3 slots of width 5 mm. at a distance of 0 to 0.3 mm. next to 0.5 to 2.0 and again 2.2 to 2.5 all marking and numbering with center line in black colours.

03

5

Full Protractor (360o)

Transparent plastic dia. 125 mm, thickness 2 mm. Double angle marking 0-3600 with centre hole 4 mm on centre point.

04

6

Half Protractor (180o)

Transparent plastic dia. 96/100 mm. approx. thickness 2 mm. Double angle marking 0-1800 with centre hole 4 mm on base line.

04

7

Fly nut and Screw

Mild steel, chromium plated. length 15 mm, metric thread (M4), round head washer type with fly nuts.

15 Sets

8

Geo-board

ABS material, 210 x 210 x 15 mm. One face has grids of 10 mm square 2.5mm x 7mm dowel inbuilt 17 square each line 18 dowels in built every line total square 289 and other side four rounds with 2.5mm dia. X 6mm height dowel inbuilt dia. Having 70, 110, 150,190 mm each dia. 20 dowels

01

9

Rubber bands

Standard item assorted size thin rubber band good quality

20

10

CUTOUPS (for
area of
polygons)

- a) A triangle and a trapezium marked as A and B respectively
- b) 3 triangles marked as A,B and C
- c) 2 triangles marked as T1
& T2 respectively
- d) 2 trapezium marked as C
& D respectively
- e) A parallelogram

B A

A C
B

T2

T1

A B

Plastic corrugated sheet 2.7mm / 3 mm. thick blue colour length 120 mm width 85 mm one angel 75 degree labeling with black colour.

01 set each

11

PYTHAGORAS THEOREM

Square with 5 Cut Outs

100x100

75x75

125 x 125

SQUARE 3 4

2 1

5

1 2

5

3 4

i) Four plastic cutouts for Pythagoras theorem 125mm square. 100mm square and 75mm. square with same size triangle flash remove all side.

ii) Plastic Sheet 125mm. square x 3mm. thick sheet and same size other sheet and cutout to 5 pieces. Cutting and marking as per figure flash remove all side. Total 9 pieces set.

Note-Sheet thickness 3mm & colour may be uniform for all tiles.

01 set each

12

Algebraic Identities

Plastic sheet 76 mm. square with another three pieces cutouts. One is 38mm. square and two pieces are same size 38mm. x 76mm. in cut of 450 up to 38mm.
ii) Plastic sheet in the four pieces two square 80mm. and 45mm. and another two rectangular 80mm. x 45mm. Note-Sheet thickness 3mm & colour may be uniform for all tiles. And flash remove all side

01 set each

13

ALGEBRAIC TILES

a) x^2 , x , 1 b) $-x^2$, $-x$,

-1

X 2 x 1

-x 2 - x -1

(1) (2) (3)

All tiles in three sizes. Made in Plastic sheets/plastic moulded

1) x2 and -x2 in same size, 50mm. x

50mm. 5tiles in blue colour and another 5 in red colours.

2) x and -x in same size, 50mm. x 10mm. 10 tiles in blue colour and another 10 in red colours.

3) 1 and -1 in same size, 10mm. x 10mm. 20 tiles in blue colour and another 20 in red colours.

Packed in plastic box.

Note-Sheet thickness 3mm & Printing on tiles required and flash remove all side

01 set

C

circle in the deferent

4, 6, 8, 12, and 16 equal parts.

Sheet thickness 3mm

01 set

16

Trigonometric Circle Board

260mm. x 260mm. x 10mm. thick wooden card board .120mm. bottom and 120mm. left side take the center of the board and center to circular dials 200mm. circular groove 5mm. x 6mm. depth. X and Y marking in the dials. Full protractor 360o marking center and 5o to 10o marking out side of dials dia 5mm.x 6mm. hole in the center and top of circular board locating

Note- Material of Board may be either wood or plastic

01

17

Connectors For (Strip)

Stainless steel, length 25 mm. and dia 5 mm. with rubber sleeve. Push fitting for trigonometric board groove.

15

18

Connectors (T-Type)

Flat rivet type 20mm. height and dia 4mm. with rubber sleeve.

10

19.

Set Square

As per standard medium size.

01 Set

20

Rotating Needle

Steel rod dia 3mm. x 200mm.length with one side 'L' bend dia. 4mm. rivet/screw attached with road and plastic sleeve dia.5mm on screw/rivet.

01

21

CUTOUTS

with CUBOID

- a) Cone
- b) Cuboid s
- c) Cylind er
- d) Hemis

phere

Plastic solid/hollow Cube 60mm. x 60mm. 4 side of the cuboids tope bottom and right left side fitted dia 30mm. x 30mm. height cone in the top, bottom fitted 30mm. x 30mm. x 15mm. height cuboids, right side dia 20 x 20mm. height cylinder and left side dia 30 x 15mm. height hemisphere.

01 set