Maths Lab.

OTHER EQUIPMENTS

N=26

SR. NO.	PARTICULARS	NUMBER
1	Sum of three angles of triangle is 180	M-19
2	Sum of four angles of quadrilateral is 360	M-20
3	Finding the incenter of different types of triangles	M-22
4	Circumcenter of triangle	M-23
5	To illustrate the mid point theorem	M-24
6	Ratio of area of similar triangles	M-25
7	To draw a triangle equal in area of square	M-26
8	To draw a triangle equal in area of parallelogram	M-27
9	Area of parallelogram	M-59
10	Properties of parallelogram	M-60
11	Area of right angle triangle	M-61
12	Mathematical signs	M-1
13	Time teacher	M-2
14	Rectangular fraction	M-13
15	Abacus junior	M-16
16	Verification of algebric identities (a+b), (a+b), (a+b+c), (a-b), (a-b)	M-29
17	Volume relation between cone and cylinder	M-37
18	Volume of cylinder-2 parts	M-40
19	3D model of pyramid - 2 parts	M-44
20	3D model of cube section in two right angular prisms	M-47
21	3D model of frustum of cone	M-49
22	3D model of sphere,section in two hemispheres	M-51
23	Clinometer	M-71
24	3D model of parallelepiped	M-77
25	Demonstration of circle theorem	M-78
26	Geometrical models set of spheres	M-81

SR. KIT-1

N=20

SR. NO.	PARTICULARS	NUMBER
1	3D model of parallopiped	M-77
2	3D model of pyramid vertical cross section	M-45
3	3D model of cylinder in two semi cylinders	M-48
4	3D model of icosahedron	M-76
5	3D model of conic section	405
6	3D model of tetrahedron	401
7	3D model of octahedron	M-43
8	3D model of cube, section in two right angular prism	M-47
9	3D model of dodecahedron	M-75
10	3D model of pyramid, section from cube	M-46
11	Volume of cylinder	M-40
12	Volume relation between cone and cylinder	M-37
13	3D model of sphere section in two hemisphere	M-51
14	3D model of triangular pyramid (2 parts)	407
15	3D model of hexahedron	M-42
16	Exterior angle of regular polygon	308
17	Variable quadrilateral	310
18	Variable triangle	309
19	Circle theorem	316
20	Square prism & pyramid	

SR. KIT-2

N=18

SR. NO.	PARTICULARS	NUMBER
1	Geoboard square	301
2	Geoboard circle	302
3	Geoboard isometric	303
4	Dice	306
5	Cube set of 125	307
6	Mensuration Kit i. Mid pt. theorem ii. Properties of parallelogram iii. Area of obtuse triangle iv. Area of trapezium v. Area of rhombus vi. Area of acute angle triangle vii. Area of right angle triangle viii. Area of parallelogram	305
7	Construction of parabola: the counts	406
8	Area of triangle equal to area of square	313
9	Equal chords of equal circle	317
10	Circle theorem	316
11	Incentre of acute angle triangle	311
12	Verification of pythagoras theorem	304
13	Altitude of scalene	315
14	Orthocenter of scalene	314
15	Circumcentre of acute angle triangle	312
16		
17	Square prism & pyramid	
18		314

BOX-1

TRIANGLE RELATED

N=18

SR. NO.	PARTICULARS	CATEGORIZATION	NUMBER
1	Sum of three angles of triangles is 180	Other Equipments	M-19
2	Incenter of different types of triangles	do	M-22
3	Circumcenter of triangle	do	M-23
4	Area of similar triangles	do	M-25
5	Drawing of a triangle equal in area of square	do	M-26
6	Drawing of a triangle equal in area of parallelogram	do	M-27
7	Area of right angled triangle	do	M-61
8	Illustration of mid pt. theorem	do	M-24
9	Incentre of acute angle triangle	Sr. Kit – 2	311
10	Orthocenter of scalene	do	314
11	Altitude of scalene	do	315
12	Circumcentre of acute angle triangle	do	312
13	Verification of pythagoras theorem	do	304
14	Area of triangle equal to area of square	do	313
15	Mid point theorem	Mansuration Kit	305
16	Area of obtuse triangle	do	305
17	Area of acute angled triangle	do	305
18	Area of right angled triangle	do	305

BOX-2

QUADRILATERAL AND TYPES

N=7

SR. NO.	PARTICULARS	CATEGORIZATION	NUMBER
1	Area of parallelogram	Other Equipments	M-59
2	Properties of parallelogram	do	M-60
3	Area of parallelogram	Mansuration Kit	305
4	Properties of parallelogram	do	305
5	Sum of four angles of quadrilateral is 360	Other Equipments	M-20
6	Area of trapezium	Mansuration Kit	305
7	Area of rhombus	do	305

BOX-3

VARIED TYPES

N=5

SR. NO.	PARTICULARS	CATEGORIZATION	NUMBER
1	Construction of Parabola: the counts	Sr. Kit-2	406
2	Exterior angle of regular polygon	Sr. Kit-1	308
3	Equal chords of equal circle	Sr. Kit-2	317
4	Demonstration of circle theorems	Other Equipments	M-78
5		Sr. Kit-2	314