

## DISTRICT INSTITUTE OF EDUCATION & TRAINING PATAN MATHS LAB EQUIPMENTS

NO	TEACHING AIDS FOR MATHS	TOTAL NO
1	MAGNETIC GREEN BOARD:4X3 WITH2”X2”SQUARE GRAPH	1
2	GEOMETRICAL BOX:GEM	2
3	STUDENT’S ALGRBRA IDENTITY KIT	1
4	FRACTION WHEEL EVA FOAM	3
5	PYTHAGORUS THEOREM	3
6	MAGNIFYING MEASURES	1
7	FRACTION SQUARE	1
8	MATER SCALE WOODEN WITH HANDLE	1
9	GEOMETRICAL FIGURES:SET OF 12:5X10 CM	1
10	MWASURING INSTRUMENTS	1
11	GEOBOARD	1
12	CUBES OF ALGEBRA”SET OF128:2 CM	1
13	VOLUME RELATION BETWEEN CONE & CYLINDER	1
14	CLINOMETER COMPASS	2
15	HOOK N LOOK NUMERICAL BALANCE	1
16	GEO GEOMETRY STICK	2
17	PHASES FRACTION	1
18	DECIMAL ABACUS	1
19	MAGNETIC BASE TEN BLOCK	3
20	FRACTION BAR	2
21	CYLINDER CUT IN 8 PARTS:WOODEN	1
22	POTRAIT:12X18 RAMANUJAN	1
23	POTRAIT:12X18 ARYABHATTA	1
24	POTRAIT:12X18 VARAH MIHIR	1
25	POTRAIT:12X18 BHASKARCHARYA	1
26	TRANSPARANT GEOMATRICAL SHAPES:SET OF 10 :ACRYLIC	1
27	METER SCALE:STEEL	1
28	MEASURING TAPES 215 MTR	1
29	RANGING ROD:METAL	1
30	DUMMY CURRENCY NOTES	1
31	DUMMU CURRENCY COINS:PLASTIC	1
32	DUMMY CHEQUE BOOK & DUMMY PAY IN BANK SLIP	1
33	FRACTION OF SQUARE:WOODEN	1
34	FRACTION OF CIRCLES :WOODEN	1
35	FRACTION OF TRIANGLE:WOODEN	1
36	ADD& COUNT RODS : WOODEN:SET OF 32	1
37	COUNT &MATCH:WOODEN	1
38	SET OF VOLUMETRIC CUPS:PLASTIC	1
39	MENSURATION KIT: ACRYLICPP	1
40	BULLATIN BOARD :3X2	1
41	$(a+b)(c+d)=ac+ad+bc+bd$	1
42	$(a+b+c)^2 = a^2+b^2+c^2+2ab+2bc+2ca$	1
43	$a^2-b^2=(a+b)(a-b)$	1
44	$(a+b)^2-(a-b)^2 = 4ab$	2

45	$(a+b)^2+(a-b)^2 = 2a^2+2b^2$	1
46	$(a+b)^3 = a^3+3a^2b+3ab^2+b^3$	1
47	$a^3+b^3=(a+b)(a^2-ab+b^2)$	1
48	$a^3-b^3=(a-b)(a^2+ab+b^2)$	1
49	Area of a Triangle-1	1
50	Area of a Triangle-2	1
51	Area of a Parallelogram	1
52	Area of a Trapezium	1
53	Area of a Rhombus	1
54	Make a Square-puzzle	1
55	Equilateral triangle and Square-puzzle Geometry	1
56	Sum of the angles of a Triangle	1
57	Sum of the angles of a Quadrilateral	1
58	Rectilinear Geoboard	1
59	Circular Geoboard	1
60	Midpoint theorem	1
61	Pythagoras theorem-1	1
62	Pythagoras theorem-1	1
63	$AD^2=BD \times DC$ (In a right Triangle)	1
64	Apollonius' theorem	1
65	Angle bisector theorem	1
66	Prisms and Pyramids	1
68	Coin sections	1
69	Construction and -Parabola	1
70	Construction and -Ellipse	1
71	Platonic solids	1
72	Soma cube-puzzle Summations	1
73	Sum of the first n natural numbers	1
74	Sum of the first n odd numbers	1
75	Sum of the first n numbers in a A.P. Others	1
76	Binary converter	1
77	Number Game 1 to 8	1
78	4×4 Colour puzzle	1
79	Pegboard puzzle	1
80	Tower of Brahma- puzzle	1
81	Fraction Strip	1
82	3 D Shapes(net kit)	1
83	Mathematicians Posters (Set of 26)	1
84	clip for posters (steel)	60
85	Mathematical tool kit (plastic) small	12
86	clock wooden model	2
87	scale small (steel)	5
88	Electronic Scale	1
<b>Total no of Equipments</b>		<b>173</b>