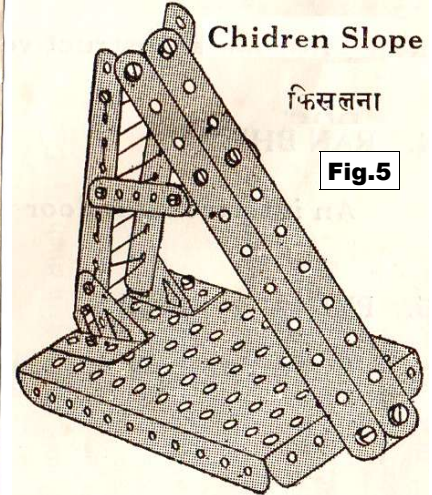


'New' Indian System: MICMAC These notes are based in English & one Indian language. 4 larger & slightly more interesting models are shown from See-Saw to the Children Slope below (again at its original size.

p8 has a list of 10 toys made by H. T. PRODUCTS which doesn't include MICMAC. p9 has the Set Contents, and p10 the Illustrated Parts.



Fig.1



The other manual has an almost identical cover but with yellow replacing the red. It has only 8 pages. p2 has the same Intro but in only English and one Indian language. pp3-8 have the 3 model pages, the Set 2 page, and the Contents & Parts pages as before.

one of them. MICMAC was made by Jai Hind Limited of Calcutta. No date is mentioned but sometime after WW2 would be the most likely. There were 5 outfits, Nos.1-5 plus linking sets 1A-4A.

**The PARTS** 56 parts with MECCANO names are listed, most are illustrated, and all but one look exactly like MECCANO. Fig.2 The exception is shown right. Clues indicating a date after WW2 are that the Flat Curved Strip 2 1/2" Bracket is called Fishplate, & the Wheel Disc is 1 3/8" Ø.

The parts which are not called up in the Set Contents (Fig.6) are: #1,3,5,6, Strips 1 1/2, 3 1/2, 7 1/2, 9 1/2"; #9, 3 1/2\*5 1/2" Flanged Plate; #10, 5 1/2\*2 1/2" Flexible Plate; #21, Trunnion; #26, Axle Rod 1 1/2"; #38, Elastic Band; #55, Anchoring Spring for Cord.

**The SETS** From the Set Contents the Set 1 doesn't really match any of the postwar Liverpool sets but the No.5 is roughly similar to the No.3.

**The MANUALS** The red-covered one above has 10 unnumbered pages (248\*181mm) including covers. pp2 & 3 speak of How to Begin, & Lock Nutting, in English & 3 other, presumably Indian, languages (all of which defeated Google).

pp4-6 show models 1-1 Compass to 1-25 Field Gun (Figs.3 & 4, both at their original size), with names in English & one of the 'Indian' languages. Of the 25 models 15 are 2-dimensional, mostly geometric shapes, and the others are very simple models peaking in a Pair of Scales & the Field Gun.

...p7 is about the models that can be made with Set 2, again

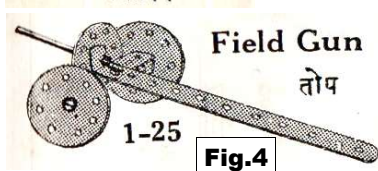
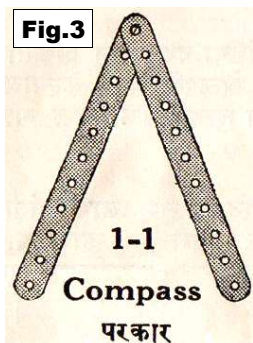


Fig.6 MICMAC CONTENTS											
No.	Description	विवरण	1	1A	2	2A	3	3A	4	4A	5
2	Strip with holes 2 1/2" x 1/2"		4	...	4	...	4	...	4	4	8
4	-Do- 5 1/2" x 1/2"		4	...	4	...	4	2	6	...	6
7	-Do- 12 1/2" x 1/2"		...	...	...	...	...	...	...	2	2
8	Flanged Plate 5 1/2" x 2 1/2"		...	1	1	...	1	...	1	...	1
11	Flexible Plate 5 1/2" x 1 1/2"		...	...	...	2	2	...	2	...	2
12	-Do- 4 1/2" x 2 1/2"		...	...	...	...	...	1	1	1	2
13	-Do- 2 1/2" x 2 1/2"		...	...	...	...	...	2	2	...	2
14	-Do- 2 1/2" x 1 1/2"		...	...	...	...	...	2	2	2	4
15	Curved Plate 2 1/2" x 2 1/2"		...	...	...	...	...	2	2	...	2
16	-Do- U- Section		...	...	...	...	...	1	1	1	2
17	Double Angle Strip 1 1/2" x 1/2"		...	...	...	...	...	2	2	...	2
18	-Do- 2 1/2" x 1/2"		2	...	2	...	2	...	2	...	2
19	Flat Trunnion		...	2	2	...	2	...	2	...	2
20	Trunnion		...	2	2	...	2	...	2	...	2
22	Fish Plate		...	2	2	2	4	...	4	2	6
23	Angle Bracket 1/2" x 1/2"		1	3	4	...	4	1	5	3	8
24	Double Bracket		...	...	...	...	...	...	...	2	2
24a	Obtuse Angle Bracket 1/2" x 1/2"		...	...	...	...	...	...	...	2	2
25	Reversed Angle Bracket		...	...	...	...	1	1	1	1	2
27	Axle Rod 2"		1	...	1	...	1	...	1	1	2
28	-Do- 3 1/2"		...	...	...	2	2	...	2	1	3
29	-Do- 4"		...	...	...	...	...	...	1	1	1
30	Crank Handle 3 1/2" Shaft		...	...	...	...	1	1	1	...	1
31	Crank 3 1/2", 3/4" Stroke		...	...	...	...	...	1	1	...	1
32	Curved Strip 2 1/2"		...	...	...	2	2	...	2	2	4
33	Semi circular plate 2 1/2"		...	...	...	...	...	...	...	2	2
34	Spring Clip		2	...	2	2	4	2	6	2	8
35	Wheel Disc 1 3/8" Dia		3	...	3	1	4	...	4	...	4
36	Wheel with Bush		...	1	1	...	2	2	4	...	4
37	Pulley with Bush		...	...	...	2	2	2	4	...	4
39	Rubber Ring		...	...	...	2	2	2	4	...	4
40	Rubber Tyre		...	...	...	...	...	4	4	...	4
41	Round wheel with Bush 2 1/2" Dia		...	...	...	...	1	1	1	1	2
42	Hook		...	...	...	...	1	1	1	1	2
43	Spanner		1	...	1	...	1	...	1	...	1
44	Screw Driver		...	1	1	...	1	...	1	...	1
45	Coloured String		1	...	1	...	1	...	1	...	1
46	Nut		12	6	18	6	24	21	45	15	60
47	Bolt		12	6	18	6	24	21	45	15	60
49	Bolt 1/2" x 5/32		1	...	1	...	1	...	1	1	2
50	Round Slotted Strip 3"		...	...	...	...	...	...	...	2	2
51	Washer		...	...	...	...	...	...	...	2	2
52	-Do- 3/4"		...	...	...	...	...	...	...	1	1
53	Rod Connector		...	...	...	...	...	...	...	1	1
54	Strip & Rod Connector		...	...	...	...	...	...	...	1	1