

One field for the whole class. Every child climbs one ladder, and you can see which rung is missing.

When a child gets a hard sum wrong, the gap is usually a few rungs lower. MathKidoo finds that rung and repairs it, instead of repeating the hard sum.

THE FIELD

1	11	21	31	41	51	61	71	81	91
2	12	22	32	42	52	62	72	82	92
3	13	23	33	43	53	63	73	83	93
4	14	24	34	44	54	64	74	84	94
5	15	25	35	45	55	65	75	85	95
6	16	26	36	46	56	66	76	86	96
7	17	27	37	47	57	67	77	87	97
8	18	28	38	48	58	68	78	88	98
9	19	29	39	49	59	69	79	89	99
10	20	30	40	50	60	70	80	90	100

Ten columns of ten, numbered down each column. The ball at row 4 of column 3 is 24. A full column is a ten.

THE ONE LAW

Ten is a column. A hundred balls sit in ten columns of ten, numbered down each column. Every ball shows its number, always. The children do every operation on this one picture.

NINE MOVES

Climb	go down a column, counting	Count	read a stack as rows of N
Carry	fill a column: that is a ten	Fit	how many N fit inside a number
Take	go back up; the count shrinks	Turn	turn a stack: $3 \times 4 = 4 \times 3$
Borrow	empty a column, open a ten	Pairs	two counts that fill a column
Stack	lay the same count again		

HOW EVERY LEVEL TEACHES

- **Meaning first, symbol second, speed last.** Timers appear only after a child understands.
- **A wrong answer is never punished.** The picture replays, slowly. No red flash, no buzzer.
- **Sound off is fine.** Every spoken line is also a caption.

THE LADDER: 33 RUNGS, FROM COUNTING TO ORDER OF OPERATIONS

0	See it Fast	11	Taking Away ★	22	Times Table ★
1	Counting	12	Adding Table	23	Break it up (Split)
2	Number Names	13	Equal Groups	24	Big Times (Area)
3	Bigger or Smaller	14	Turn-around	25	Sharing
4	Skip-Counting	15	Easy Tables ★	26	Leftovers
5	Zero	16	Times Ten	27	Story Problems
6	Balance (=)	17	Take-away Table	28	Lift Sums ★
7	Tens and Ones ★	18	About How Many	29	The Flip ★
8	Compare Big Numbers	19	Big Adding (carry)	30	Sign Rules ★
9	Make 10 ★	20	Below Zero (Lift)	31	Order of Operations
10	Adding ★	21	Big Take-away (borrow)	32	Champion Gate ★

★ A starred rung is checked directly, never assumed. Each rung rests on earlier rungs, so a gap at rung 22 can be traced down to the rung where it began.

WHAT A SCHOOL GETS

- One field for the whole class, on a projector or a tablet.
- Works on the school's existing tablets and on parents' phones at home. It works offline once it has opened.
- A 20-minute daily limit is built in. No chat, no ads, nothing to buy inside the app.
- Children aged 5 to 12. The Tables Package is live now; the full ladder is in development.

COUNTS ONLY

The class view shows **how many children** stand on each rung. It never shows a child against another child. There is no leaderboard and no ranking.

Every report names the step that is not steady yet, never a word about the child.

₹99

per child per year, 30 or more children

₹4,999

per year for a tuition centre

Classroom prices **from launch**. Nothing is charged today, and no card is taken. To book a demo, write to contact@brainboot.co.in with the subject "MathKidoo school demo".