



India's Biggest Community-led Maths Contests

- CHIKKAMAGALURU DISTRICT - KARNATAKA







On September 13, 2024, Akshara Foundation facilitated maths contests for children in grades 4 to 6 across

224 Gram Panchayats

In Chikkamagaluru District of Karnataka.
The initiative engaged around

14,000 children

from 1,026 schools and aimed at understanding the learning levels of children in maths, through a community-driven approach.

Methodology





- Thoughtful Question Design: Question papers designed in collaboration with District Institutes of Education and Training (DIETs).
- Grade-Appropriate Assessment: Children from grades 4 to 6 were evaluated based on the competencies of the preceding grade.
- Local Expertise: Answer sheets were meticulously graded by dedicated Education Volunteers using an answer key provided by Akshara Foundation.

Highlights

District Engagement

Eight blocks in the district actively participated in the GP Contests.

Impressive Attendance

14,100 children participated in the Contests.

No	District	Blocks	No of Gram Panchayats	No of Schools	Grade 4	Grade 5	Grade 6	No of Team Leaders who Supported	No of Education Volunteers who supported
1		Biruru	27	137	715	675	519	31	198
2		Chikmagalur	47	224	1,110	1,067	903	82	318
3	Chikkamagaluru	Kadur	41	194	946	979	896	101	382
4		Корра	22	87	444	404	390	45	98
5		Moodigere	29	134	655	555	497	36	183
6		Narasimharajapura	14	71	318	310	327	24	82
7		Sringeri	8	32	161	137	142	15	74
8		Tarikere	36	147	763	665	522	41	351
		Total	224	1,026	5,112	4,792	4,196	375	1,686

Pro Bono Service The successful management of GP Contests was a collective effort by GP Team Leaders and Education Volunteers who generously volunteered their time and expertise.

Community Involvement

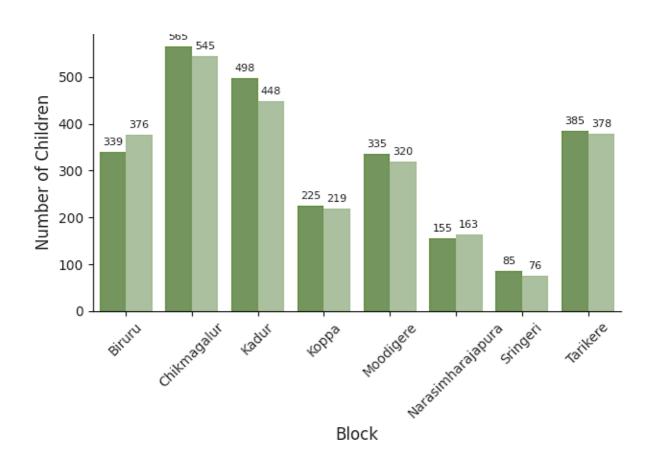
224 Gram Panchayats enthusiastically engaged in organising the contests.



And we found...

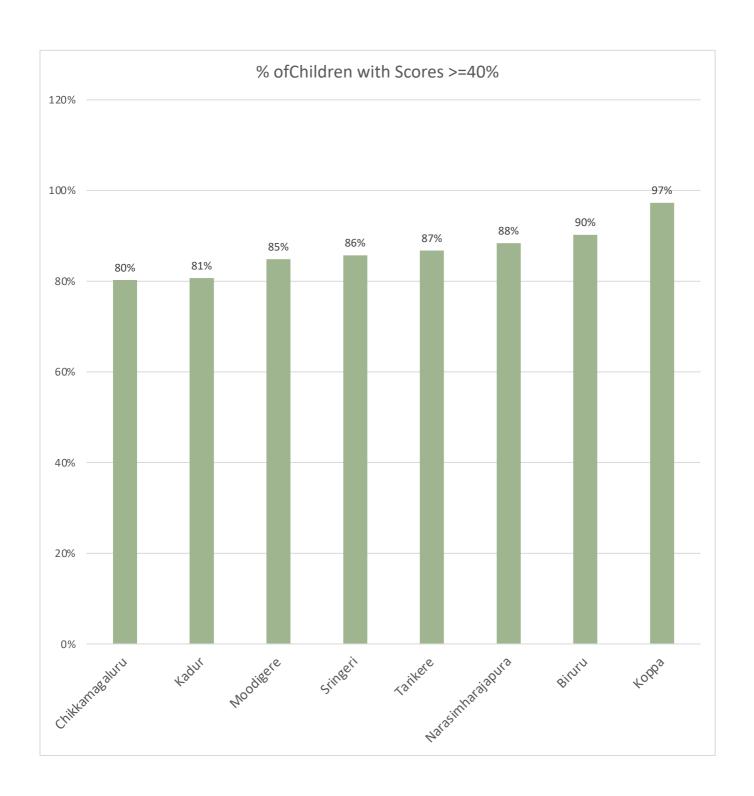


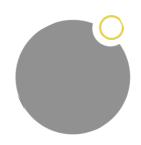
Participation by GENDER



Gender female male







The

TOP PERFORMING

blocks

- Koppa
- Biruru
- Narasimharajapura
- Tarikere
- Sringeri
- Moodigere

The

BOTTOM PERFORMING

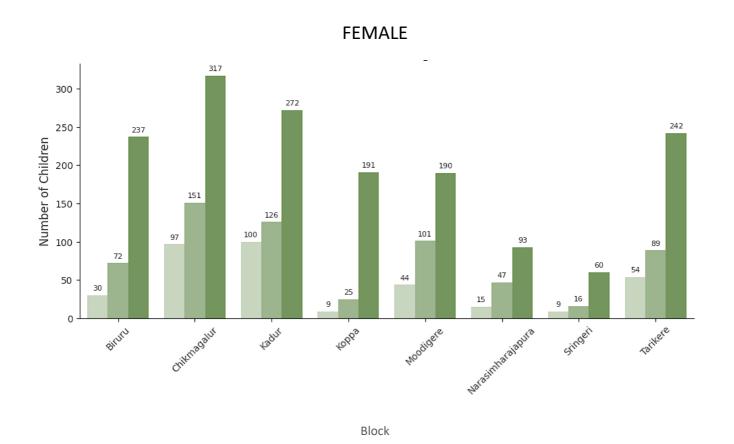
blocks

- Chikkamagaluru 🔴
 - Kadur ()





PERFORMANCE BY GENDER



MALE 300 263 250 239 Number of Children 200 150 122 128 126 125 102 100 83 47 43 50 41 21 Chiknagalur Talikere Moodigere Biruru **kadu**r singeri fobbs

Block

40-70%

70-100%

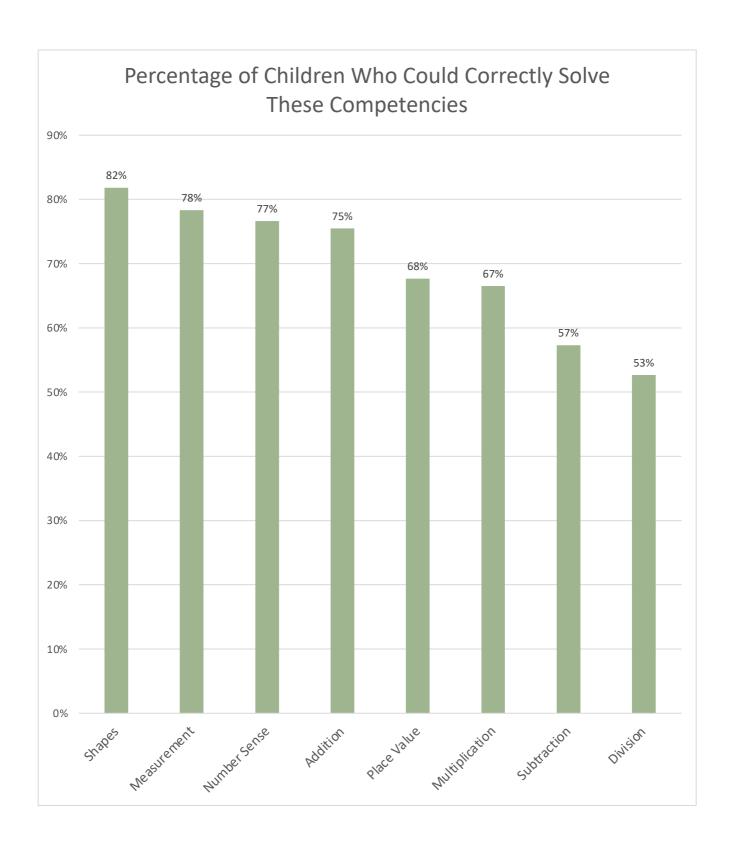
0-40%













The

EASIEST

competencies

- Shapes
- Measurement
- Number Sense

The

TOUGHER

competencies

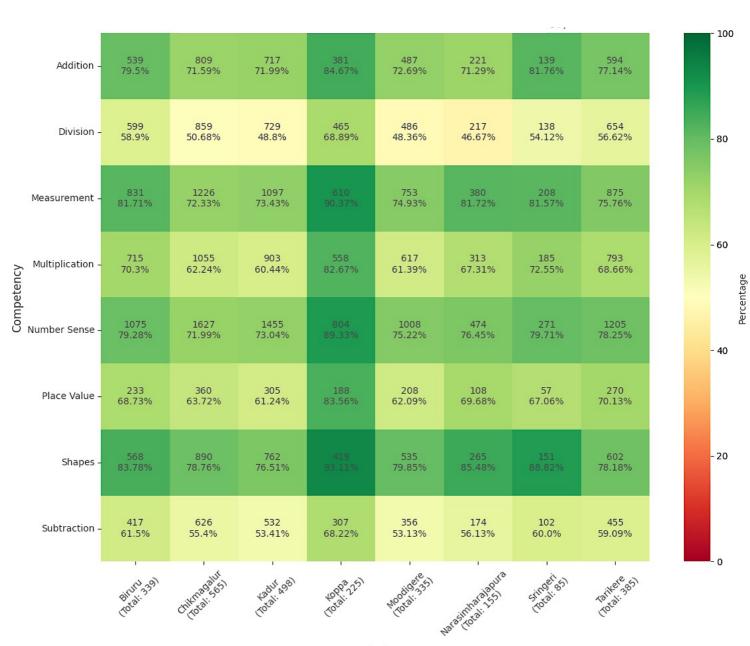
- Division 🖪
- Subtraction 🖪
- Multiplication \square





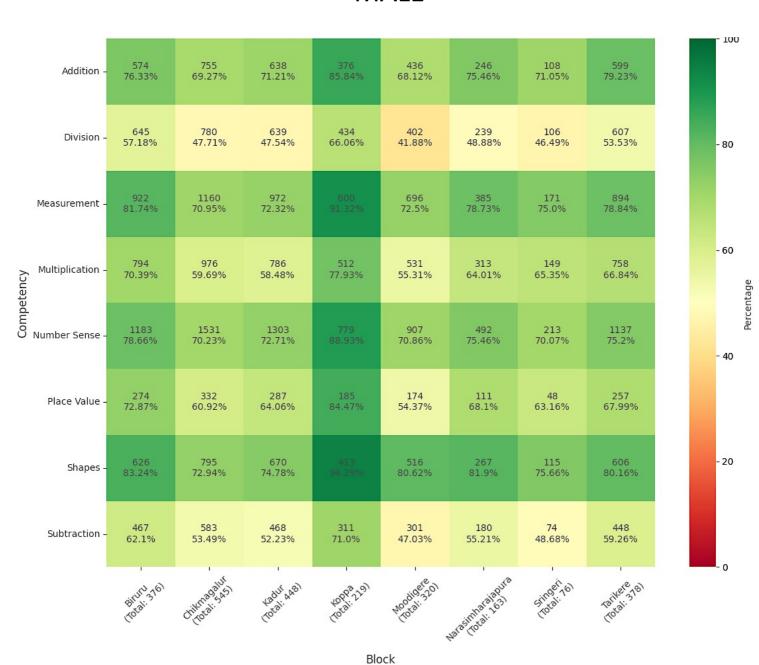
HEAT MAP OF OVERALL PERFORMANCE BY GENDER

FEMALE





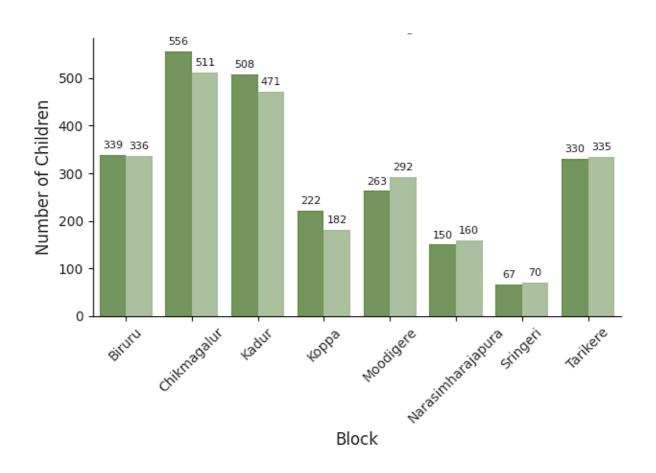
MALE







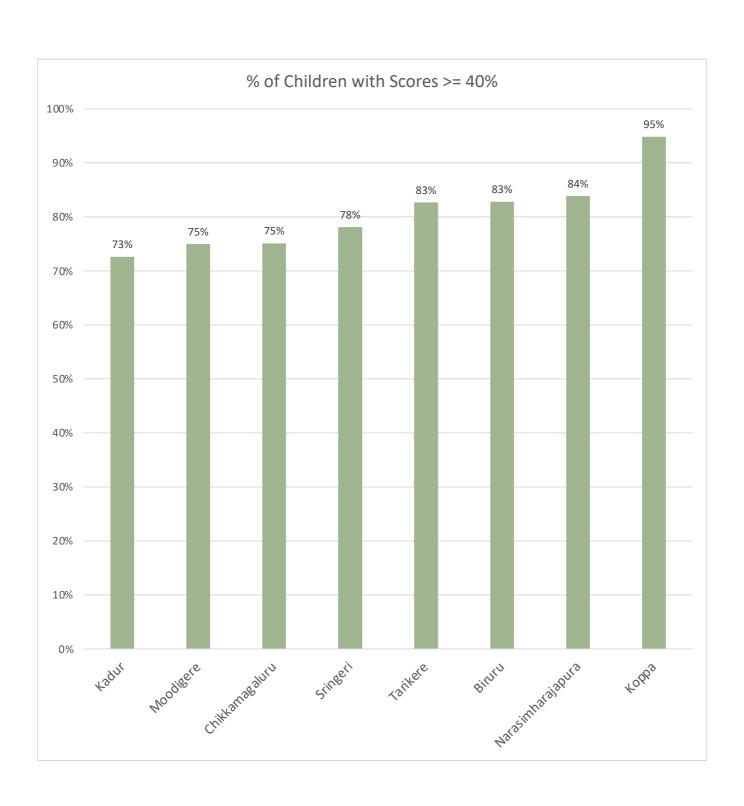
Participation by GENDER

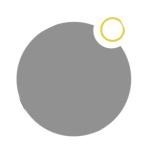


Gender female male









The

TOP PERFORMING

blocks

- Koppa
- Narasimharajapura
- Biruru
- Tarikere

The

BOTTOM PERFORMING

blocks

Kadur 🔴

Moodigere ()

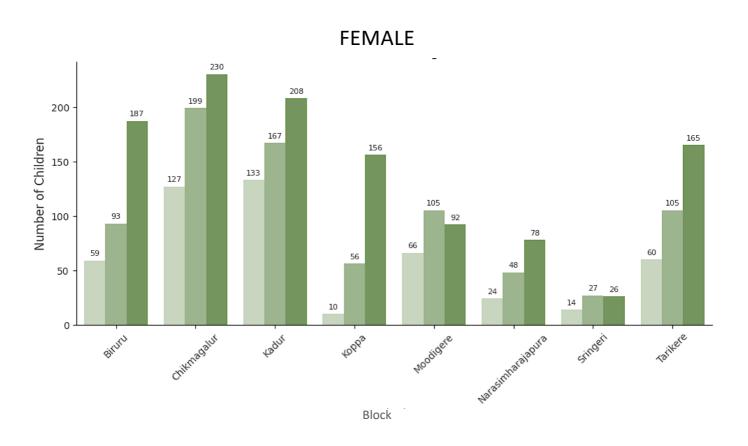
Chikkamagaluru 🔴

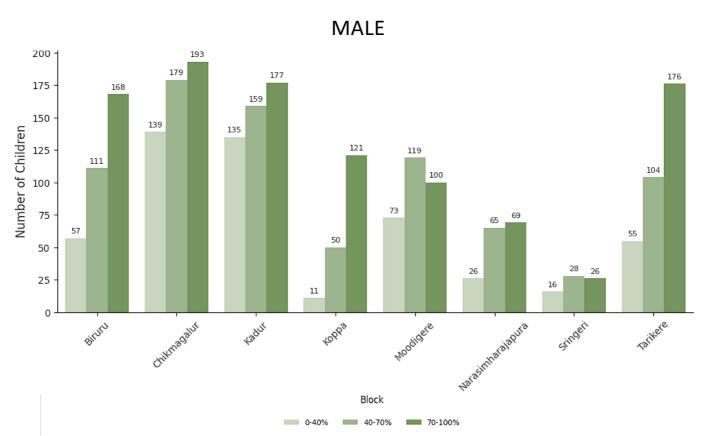
Sringeri 🔵

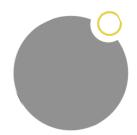




PERFORMANCE BY GENDER



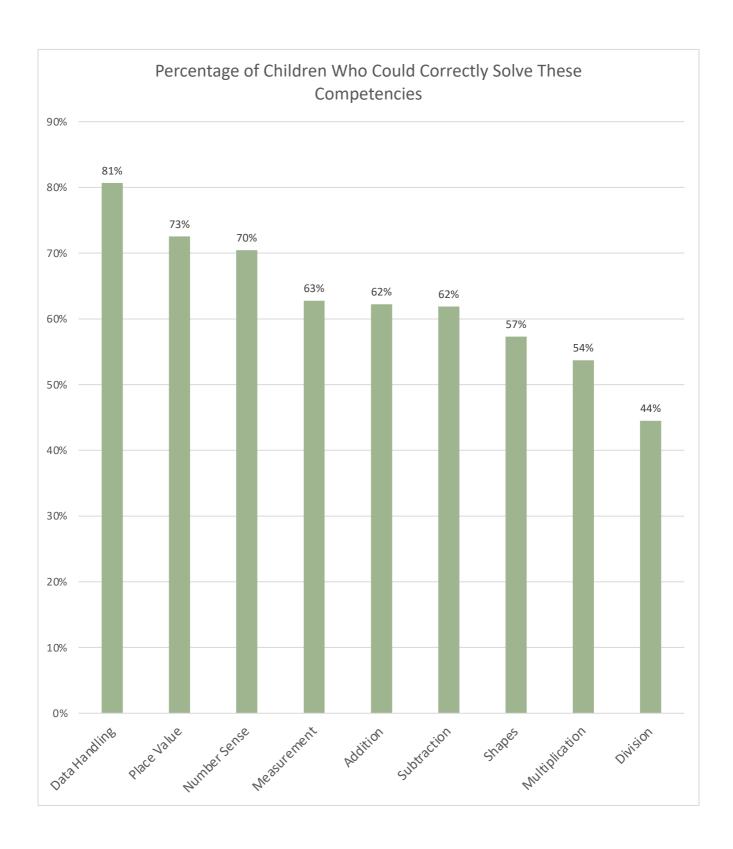














The

EASIEST

competencies

- Data Handling
- Place Value
- Number Sense

The

TOUGHER

competencies

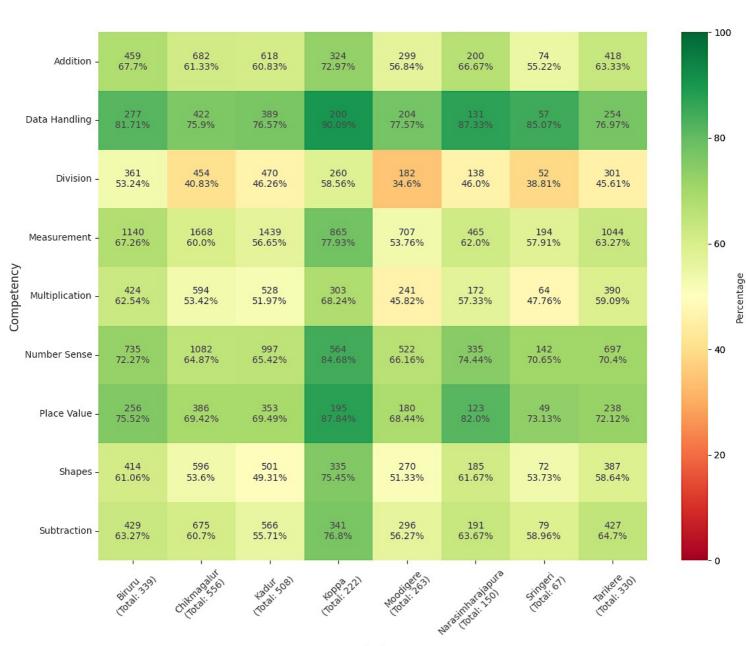
- Division 🖹
- - Shapes 😯





HEAT MAP OF OVERALL PERFORMANCE BY GENDER

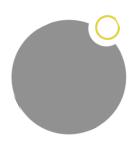
FEMALE



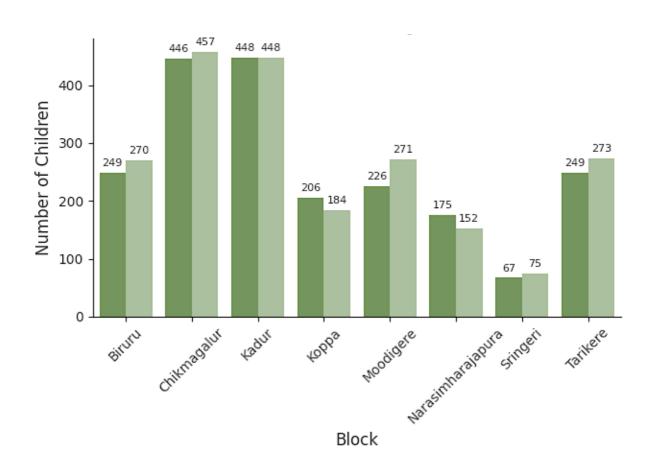


MALE





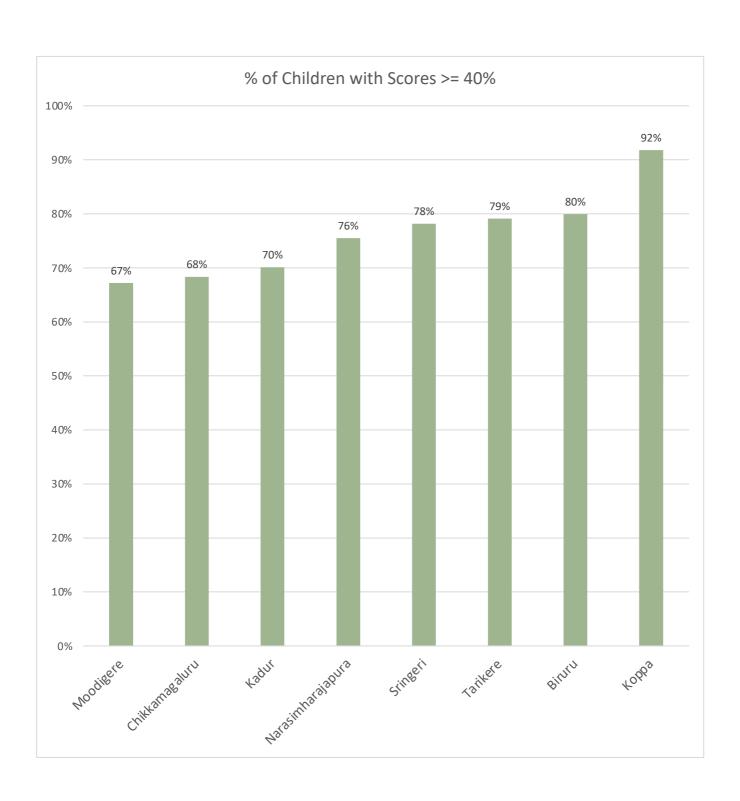
Participation by GENDER

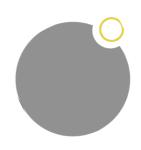


Gender female male









The

TOP PERFORMING

blocks

- Koppa
- Biruru
- Tarikere
- Sringeri
- Narasimharajapura

The

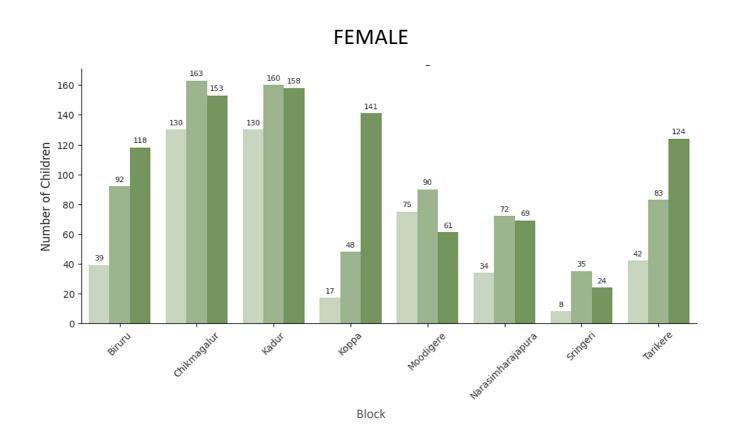
BOTTOM PERFORMING

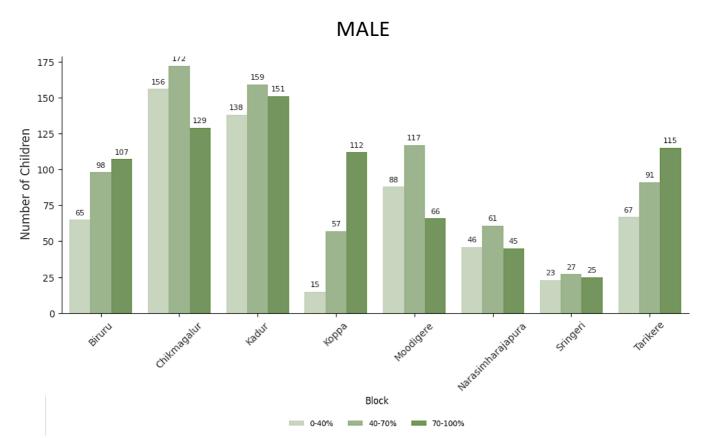
blocks

- Moodigere (
- Chikkamagaluru ()
 - Kadur ()



PERFORMANCE BY GENDER



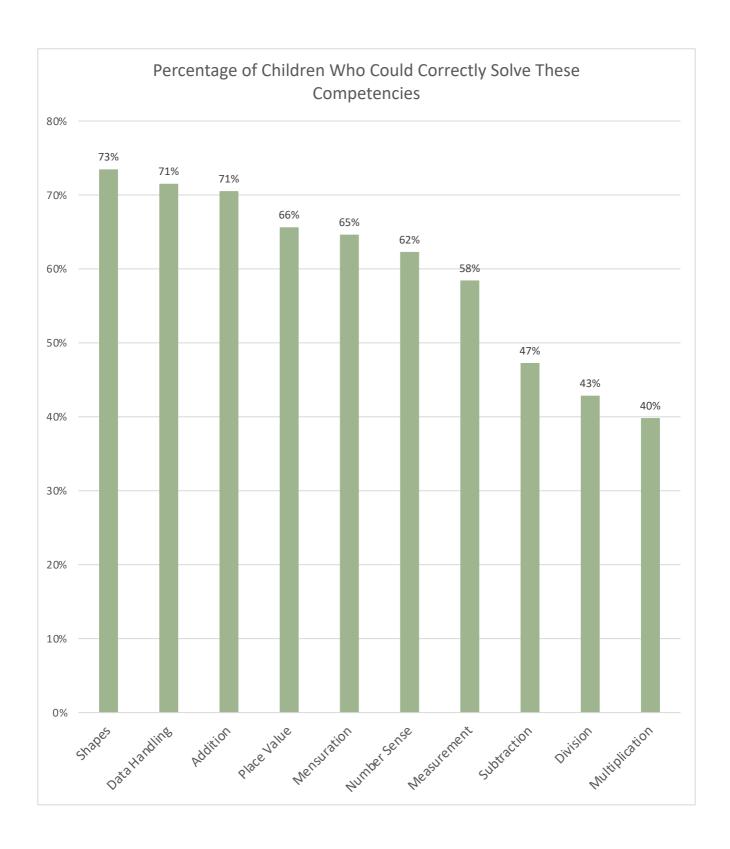


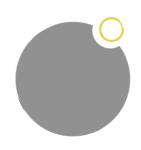












The

EASIEST

competencies

- Shapes
- Data Handling
- Addition

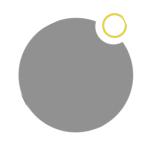
The

TOUGHER

competencies

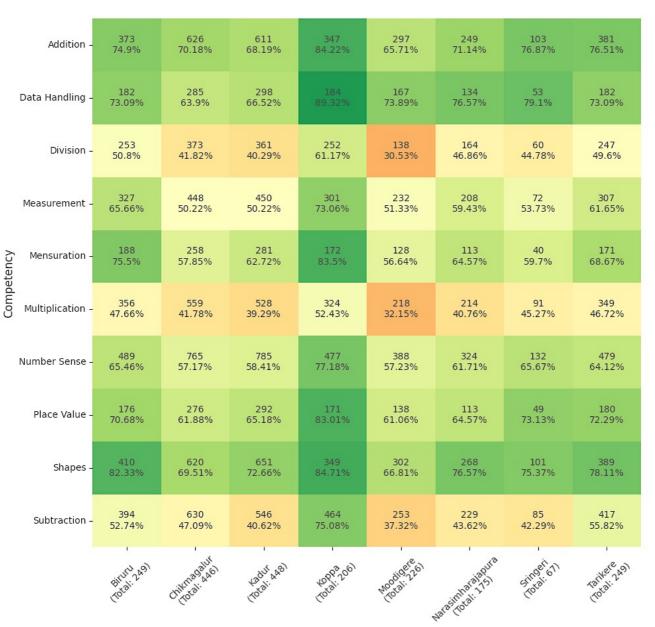
- Multiplication
 - Division 🖹
 - Subtraction **(**





HEAT MAP OF OVERALL PERFORMANCE BY GENDER

FEMALE



- 40 - 20

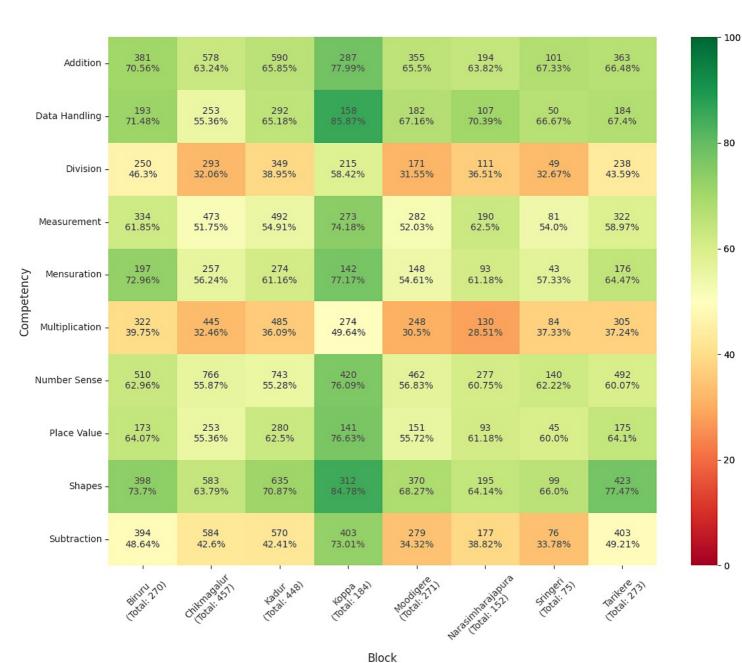
100

- 80

- 60



MALE







Acknowledgements



All stakeholders contributed to this effort:

- District Collector (DC)
- CEO of the Zilla Panchayath
- Deputy Director of Public Instruction (DDPI)
- District Institute of Education and Training (DIET)
- Executive Officers of Taluk Panchayats
- Block Education Officers (BEOs) and Block Resource Coordinator (BRCs)
- Gram Panchayat Presidents and Members
- Panchayat Development Officers (PDOs)
- Cluster Resource Persons (CRPs)
- Head Teachers and all Teachers
- School Development and Monitoring Committee (SDMC) members
- Community Members
- GP Team Leaders and Education Volunteers
- Technical Support: Vindhya E-Infomedia and Karanji Infotech Pvt. Ltd.
- The Akshara Foundation Team

















EVERY CHILD IN SCHOOL AND LEARNING WELL

No. 621, 5th Main Road, OMBR Layout, Banaswadi, Bengaluru 560 043

akshara.org.in