



India's Biggest Community-led Maths Contests

- BELAGAVI DISTRICT - KARNATAKA







On August 31, 2024, Akshara Foundation facilitated maths contests for children in grades 4 to 6 across

200 Gram Panchayats

in Belagavi District of Karnataka.

The initiative engaged around

30,800 children

from 620 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.





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



30,827 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 2	Belagavi	Bailahongal	33	104	2,047	1,894	1,967	65	125
3		Belagavi Rural	52	123	2,292	2,162	1,937	96	195
4		Khanapur	18	55	612	672	727	35	117
5		Kittur	18	65	992	1,042	965	32	66
6		Ramdurg	35	149	2,448	2,318	2,250	63	178
6		Savadatti	44	124	2,227	2,146	2,129	82	186
		Total	200	620	10,618	10,234	9,975	373	867

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

200 Gram Panchayats enthusiastically engaged in organising the contests.

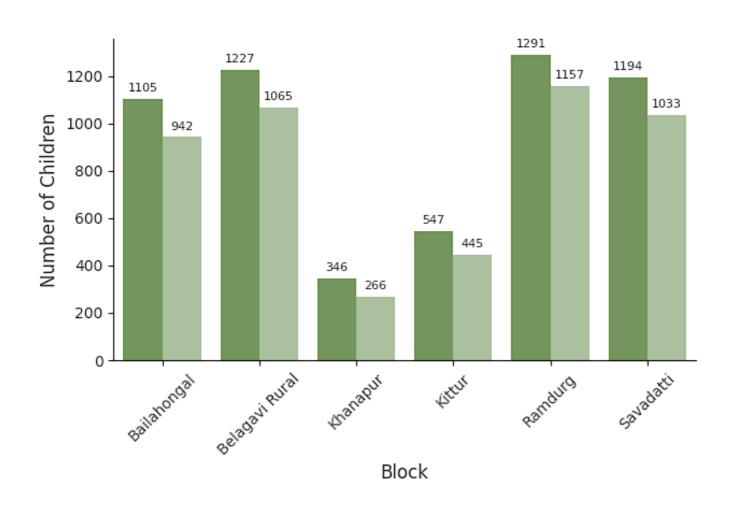


And we found...

Grade 4

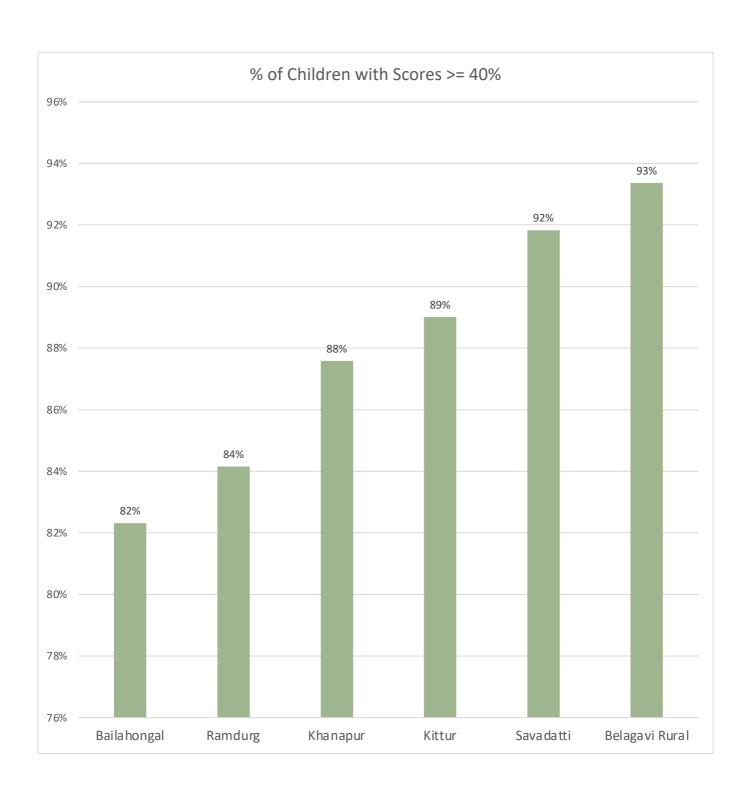


Participation by GENDER



Gender female male Grade 4







The TOP PERFORMING

blocks

- Belagavi Rural
- Savadatti
- Kittur
- Opening the second of the s

The

BOTTOM PERFORMING

blocks

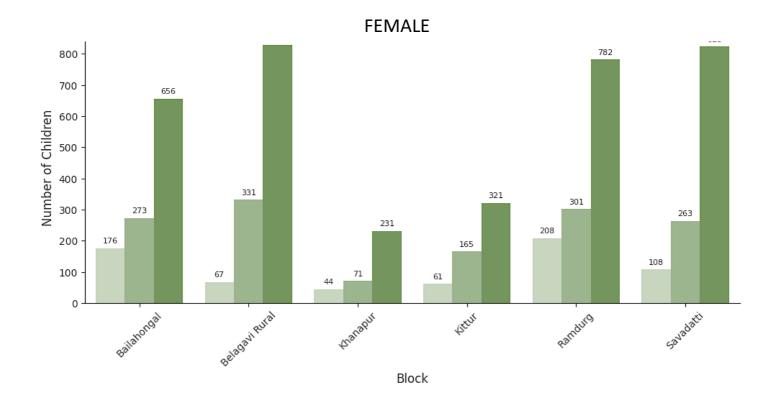
Bailahongal 🔴

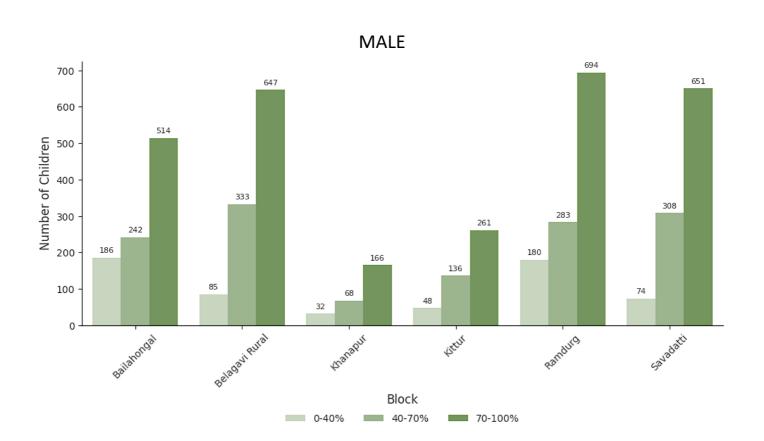
Ramdurg 🔴





PERFORMANCE BY GENDER





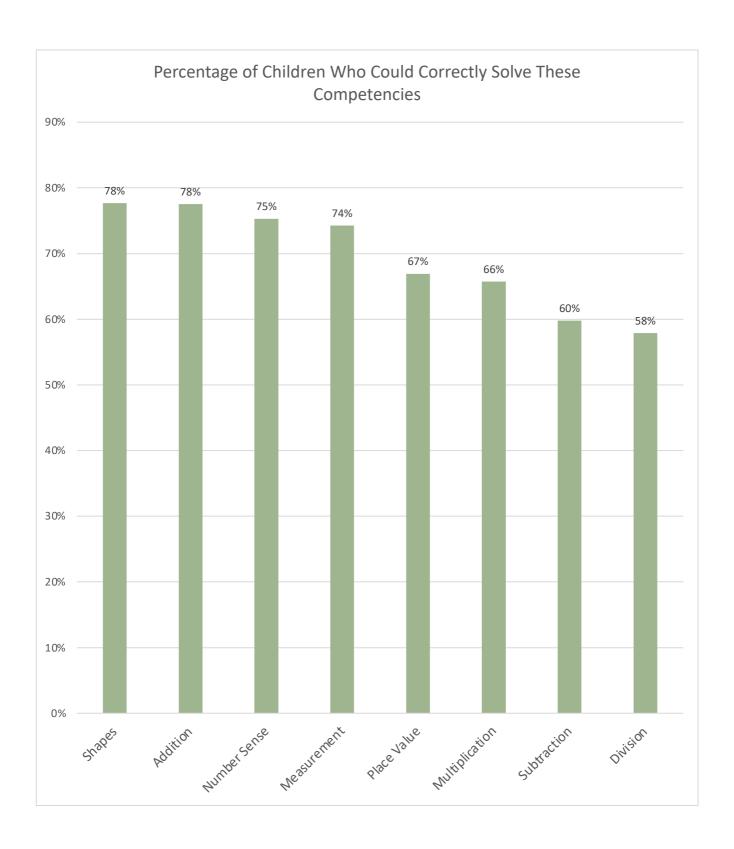






Grade 4







The

EASIEST

competencies

- Shapes
- Addition
- Number Sense

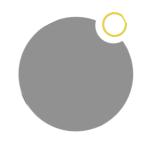
The

TOUGHER

competencies

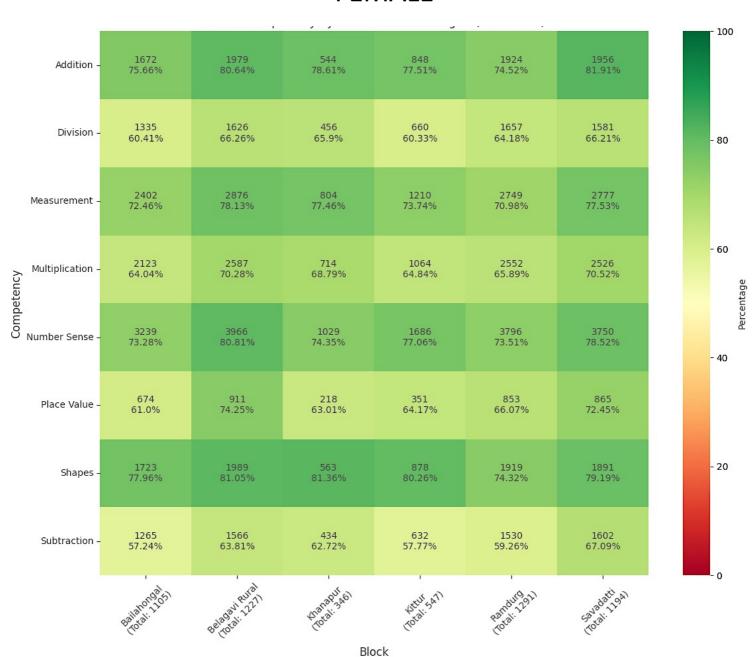
- Division 🖹
- Subtraction
- Multiplication





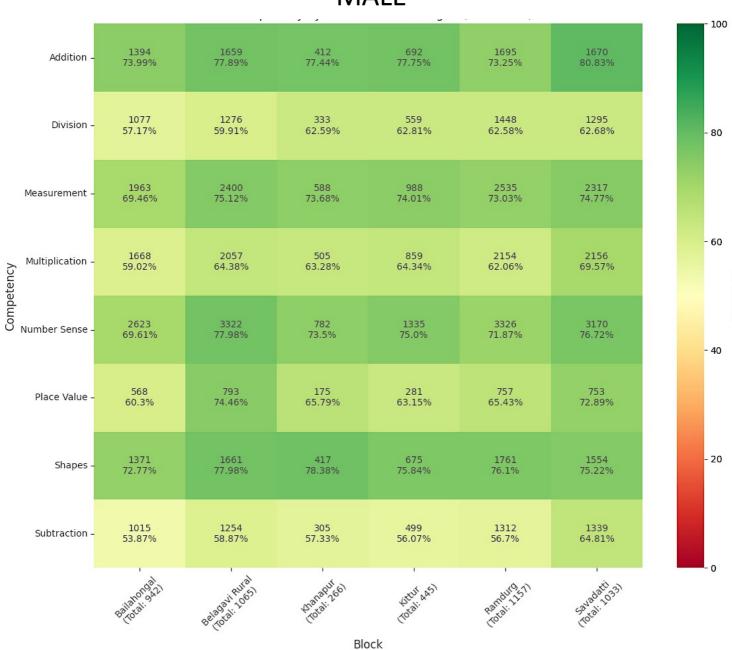
HEAT MAP OF OVERALL PERFORMANCE BY GENDER

FEMALE

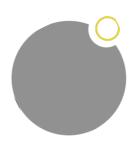




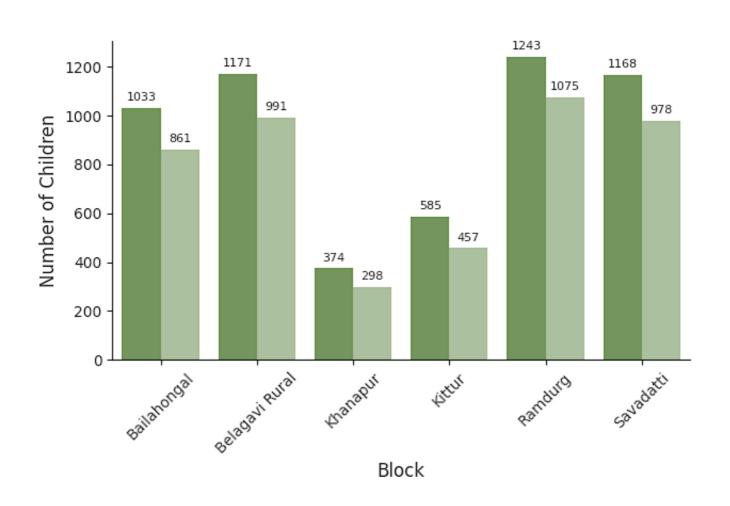
MALE







Participation by GENDER

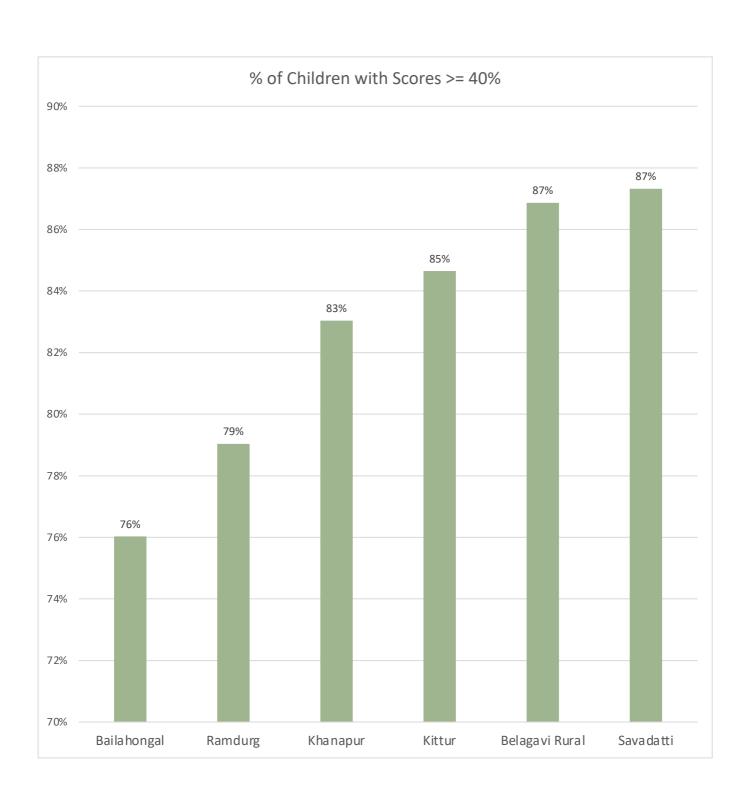


Gender female male











The

TOP PERFORMING

blocks

- Savadatti
- Belagavi Rural
- Kittur

The

BOTTOM PERFORMING

blocks

Bailahongal 🔴

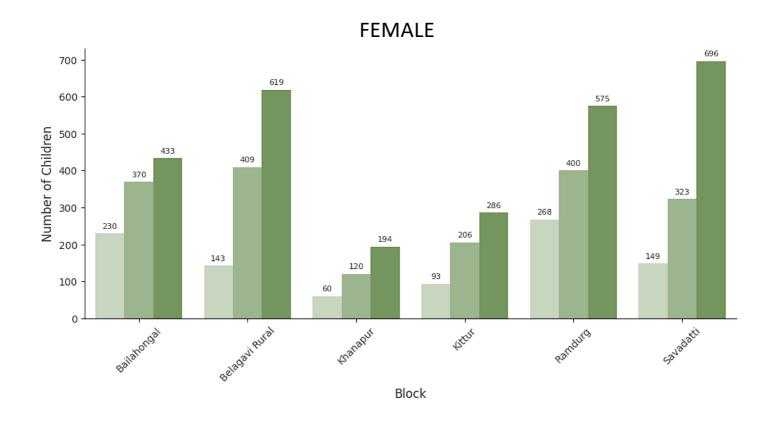
Ramdurg 🔴

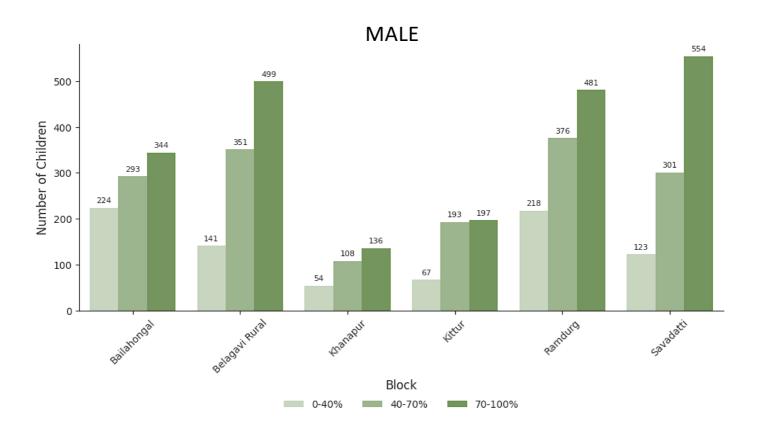
Khanapur 🔴





PERFORMANCE BY GENDER





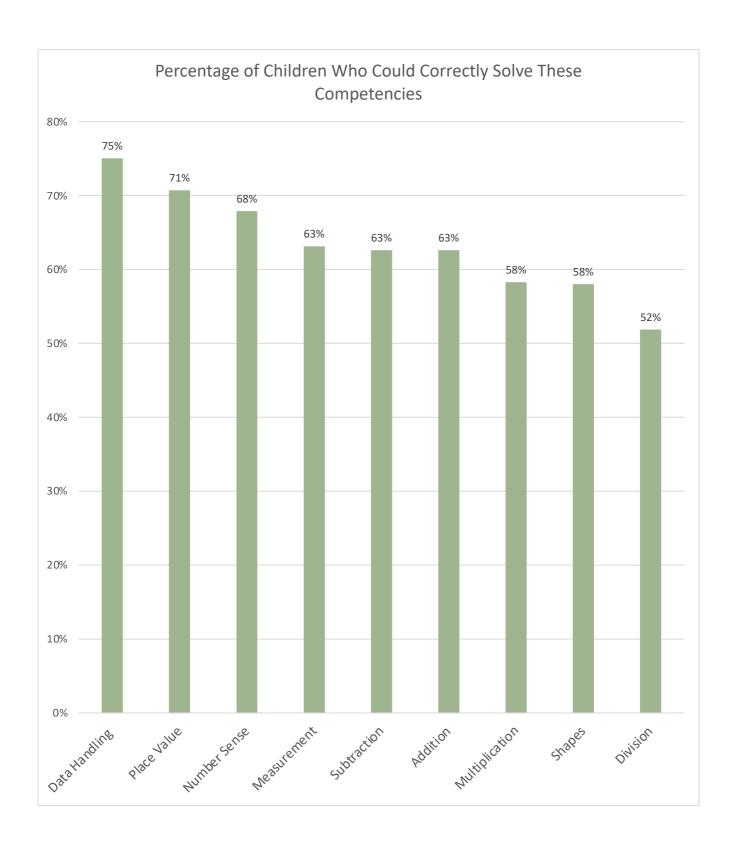






Grade 5







The

EASIEST

competencies

- Data Handling
- Place Value
- Number Sense

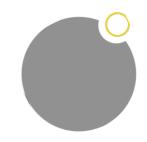
The

TOUGHER

competencies

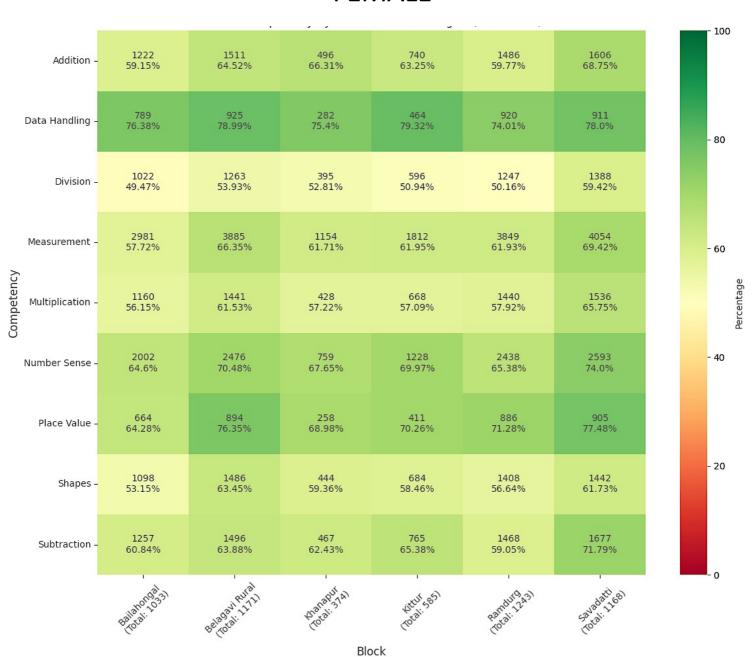
- Division 🖹
 - Shapes 😍
- Multiplication





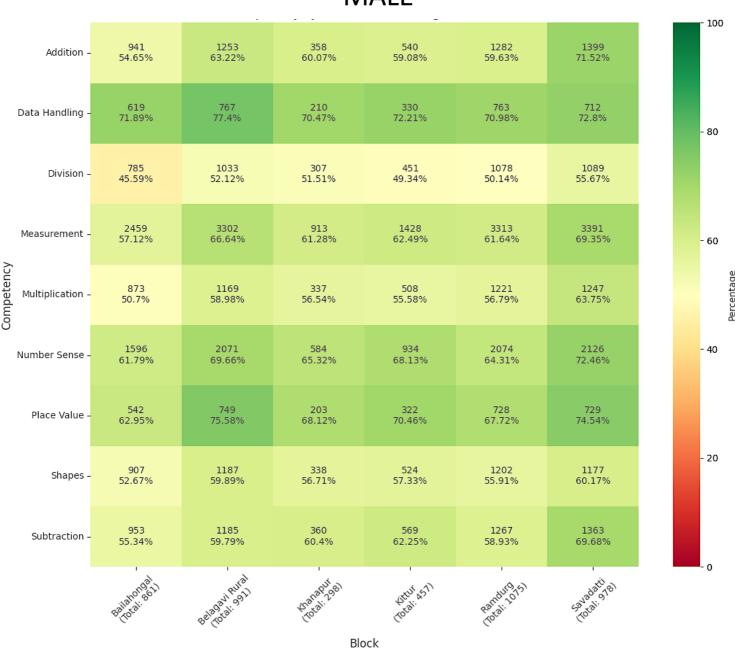
HEAT MAP OF OVERALL PERFORMANCE BY GENDER

FEMALE





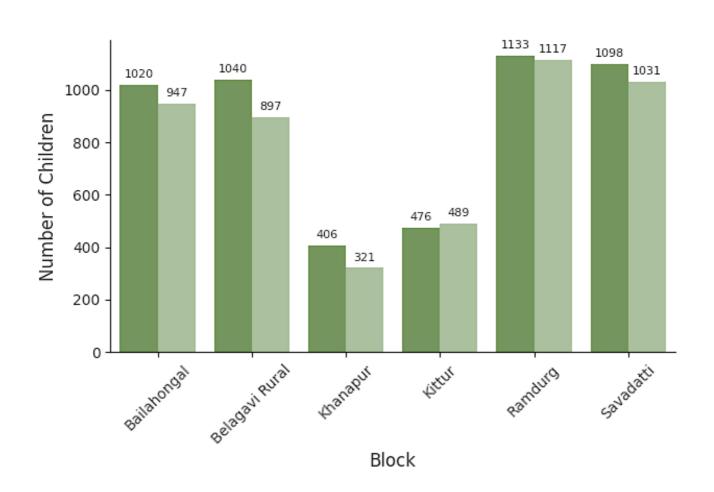
MALE







Participation by GENDER

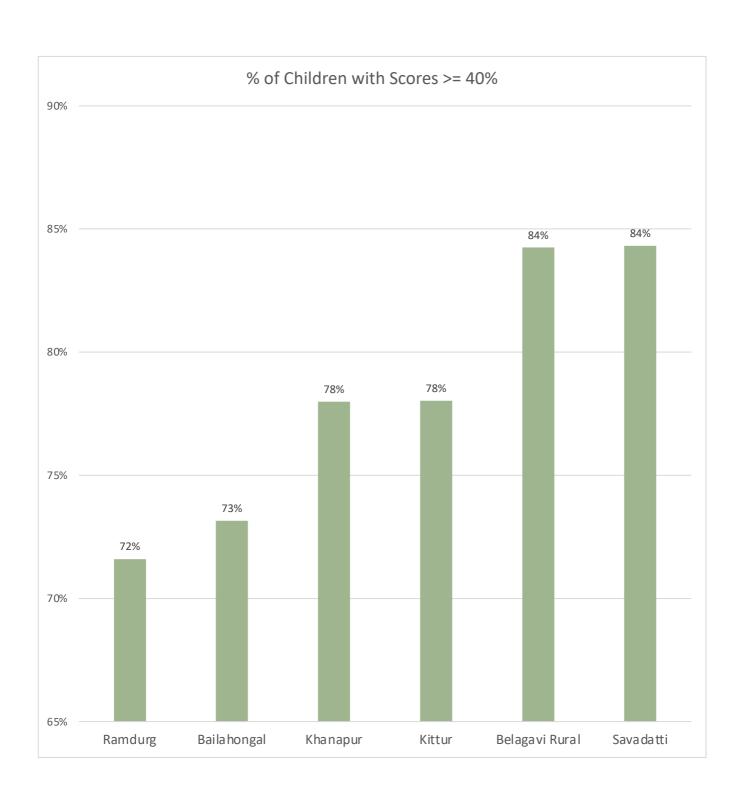


Gender
female
male











The TOP PERFORMING

blocks

- Savadatti
- Belagavi Rural

The

BOTTOM PERFORMING

blocks

Ramdurg 🔴

Bailahongal 🔵

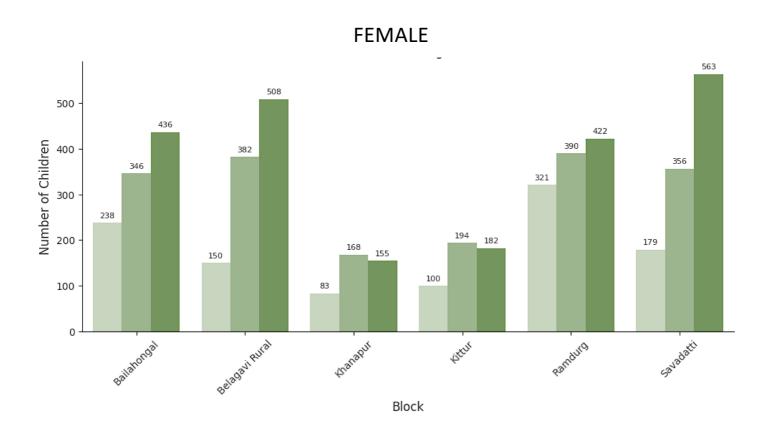
Khanapur 🔵

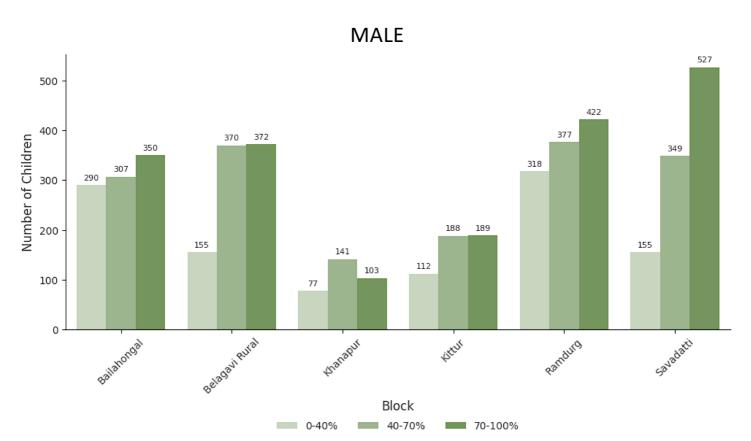
Kittur ()





PERFORMANCE BY GENDER





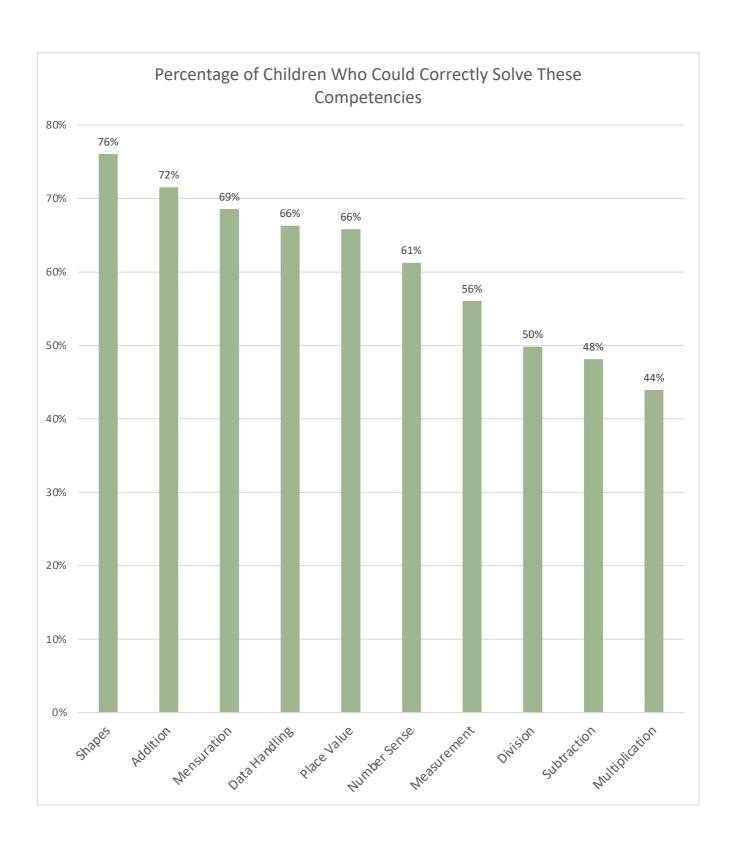






Grade 6







The

EASIEST

competencies

- Shapes
- Addition
- Mensuration

The

TOUGHER

competencies

- - Subtraction **(**
 - Division 🖹





HEAT MAP OF OVERALL PERFORMANCE BY GENDER

FEMALE

				-					
Addition -	1494	1500	606	693	1556	1698			
	73.24%	72.12%	74.63%	72.79%	68.67%	77.32%			
Data Handling -	694	710	287	324	712	763			
	68.04%	68.27%	70.69%	68.07%	62.84%	69.49%			
Division -	1022	1185	398	487	1058	1236			
	50.1%	56.97%	49.01%	51.16%	46.69%	56.28%			
Measurement -	1133	1324	440	529	1182	1260			
	55.54%	63.65%	54.19%	55.57%	52.16%	57.38%			
Mensuration -	724	762	271	335	682	799			
	70.98%	73.27%	66.75%	70.38%	60.19%	72.77%			
O Mensuration -	1229	1589	539	560	1453	1778			
	40.16%	50.93%	44.25%	39.22%	42.75%	53.98%			
Number Sense -	1902	2058	716	862	1923	2220			
	62.16%	65.96%	58.78%	60.36%	56.58%	67.4%			
Place Value -	662	768	283	297	709	823			
	64.9%	73.85%	69.7%	62.39%	62.58%	74.95%			
Shapes -	1596	1702	588	760	1642	1742			
	78.24%	81.83%	72.41%	79.83%	72.46%	79.33%			
Subtraction -	46.54%	1673 53.62%	594 48.77%	607 42.51%	1551 45.63%	1897 57.59%			
	egiatorio do	gelagari podol	Agarapute)	(40,41; 4,16)	Partitid 33	Calabridge)			
	Block								

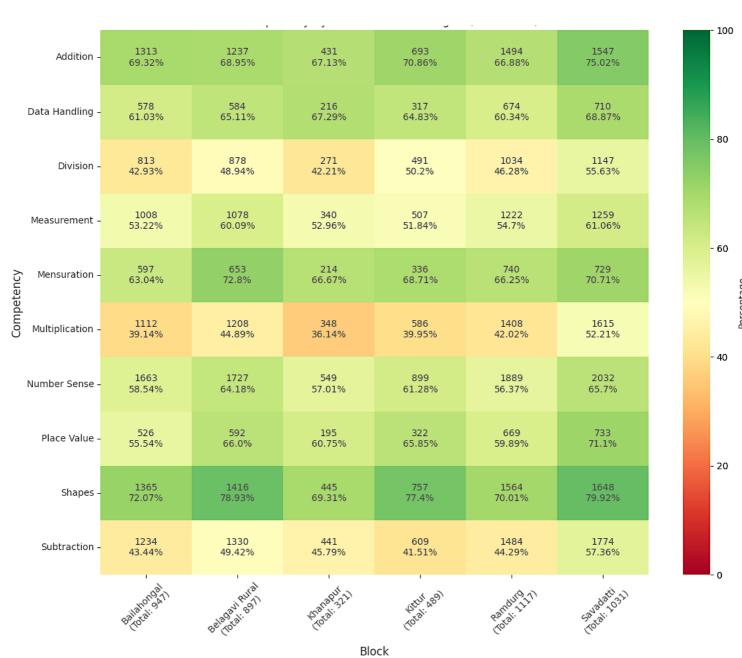
- 60 - 40 - 20

100

- 80



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

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