



India's Biggest Community-led Maths Contests

BIDAR DISTRICT –KARNATAKA







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

185 Gram Panchayats

in Bidar District of Karnataka.

The initiative engaged around

14,600 children

from 763 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.





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



14,676 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 | | Aurad | 39 | 166 | 822 | 845 | 828 | 62 | 186 |
| 2 | | Basavakalyan | 38 | 179 | 1,177 | 1,181 | 1,105 | 74 | 672 |
| 3 | Bidar | Bhalki | 40 | 154 | 978 | 980 | 883 | 80 | 240 |
| 4 | | Bidar | 35 | 130 | 1,027 | 893 | 807 | 70 | 756 |
| 5 | | Humnabad | 33 | 134 | 1,157 | 1,051 | 942 | 68 | 204 |
| | | Total | 185 | 763 | 5,161 | 4,950 | 4,565 | 354 | 2,058 |

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

185 Gram Panchayats enthusiastically engaged in organising the contests.

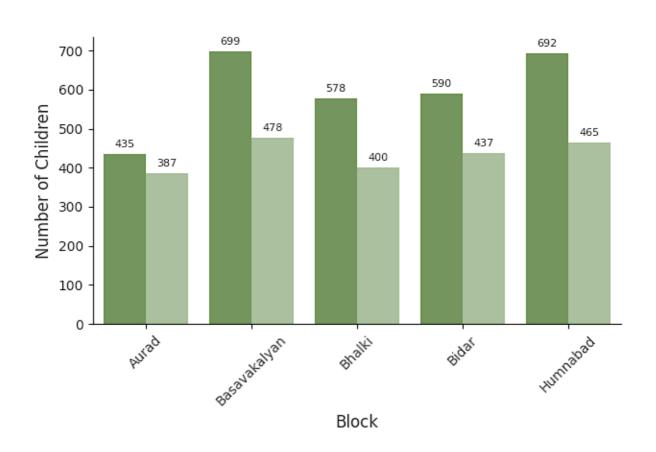


And we found...

Grade 4



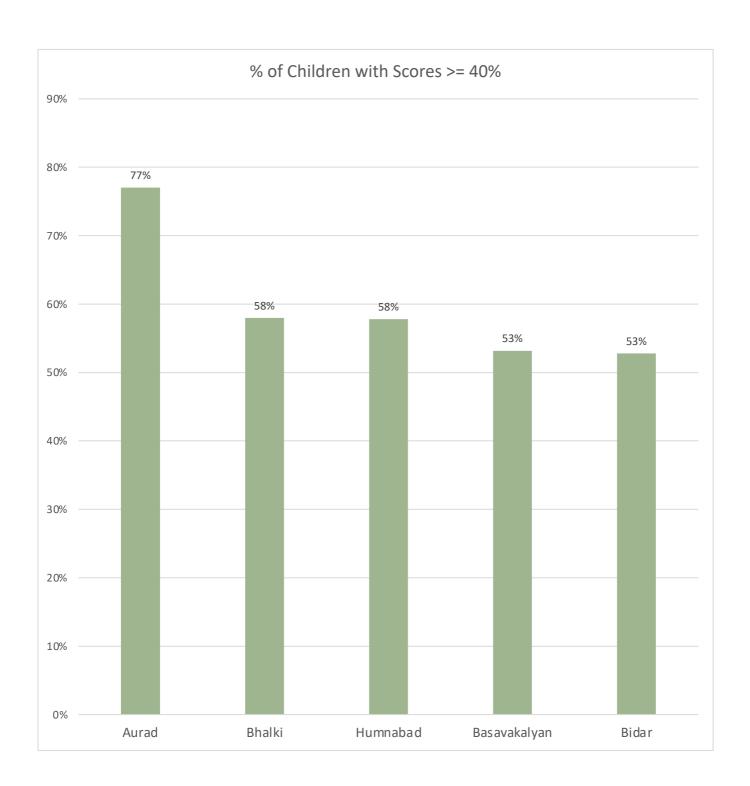
Participation by GENDER

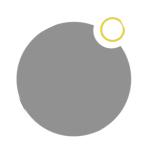


Gender
female
male

Grade 4







The TOP PERFORMING

block

Aurad

The

BOTTOM PERFORMING

blocks

Bidar (

Basavakalyan 🔴

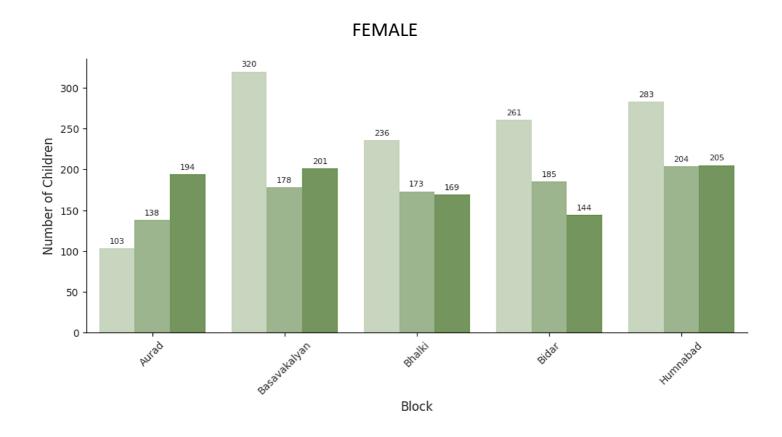
Humnabad ()

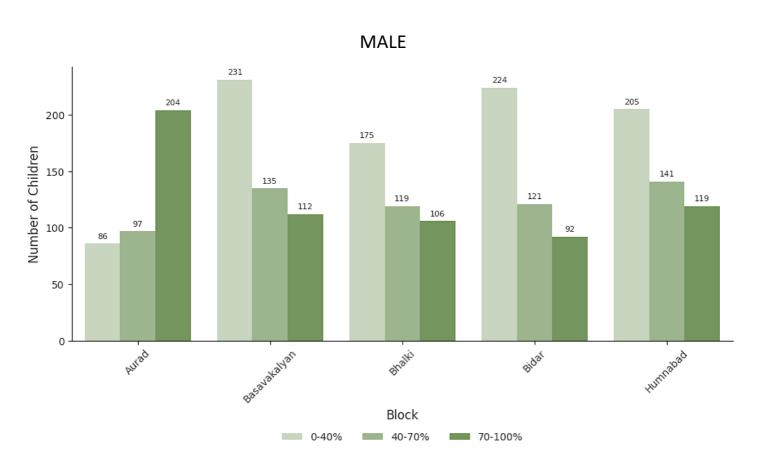
Bhalki (





PERFORMANCE BY GENDER





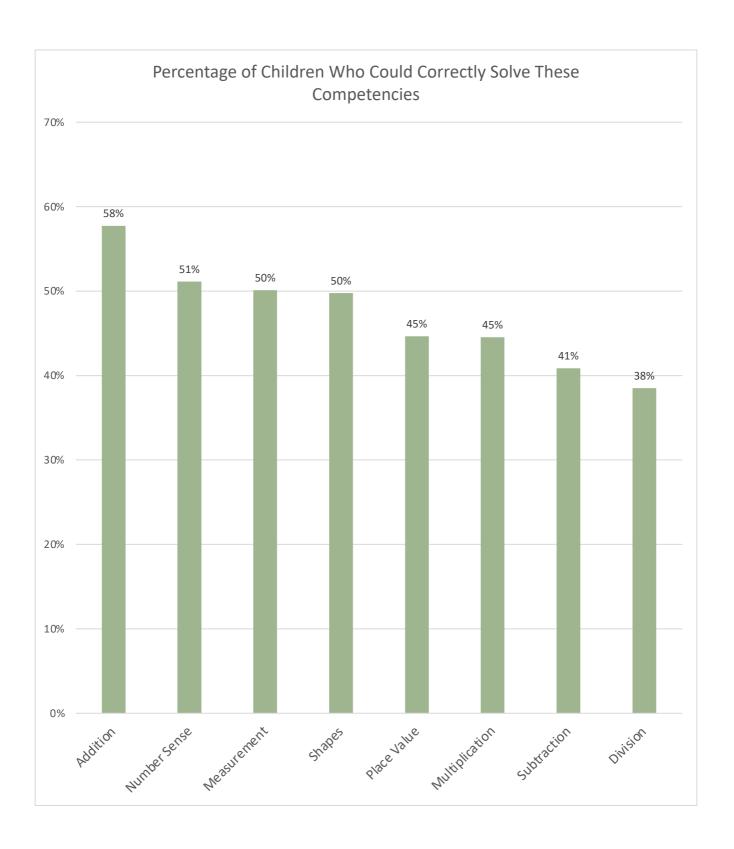






Grade 4







The

EASIEST

competencies

- Addition
- Mumber Sense
- Measurement

The

TOUGHER

competencies

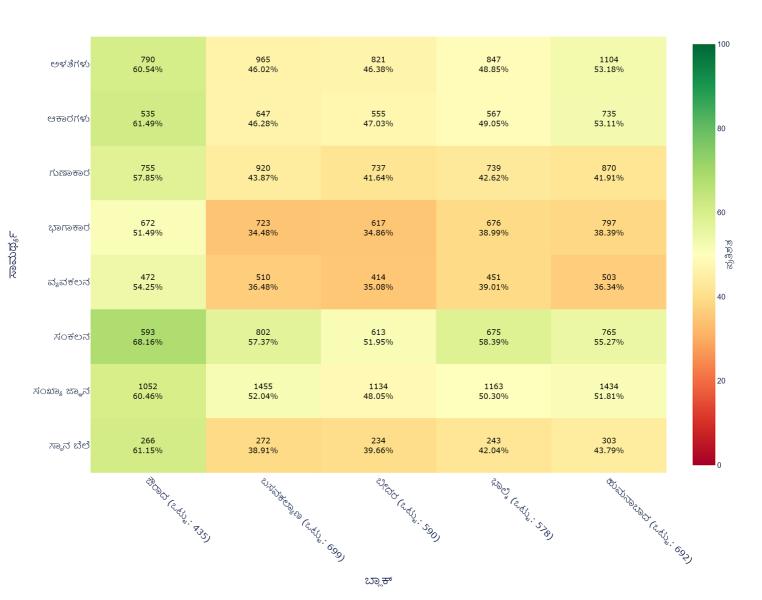
- Division 🖪
- Subtraction 🔳
- Multiplication 🔳





HEAT MAP OF OVERALL PERFORMANCE BY GENDER

FEMALE





MALE

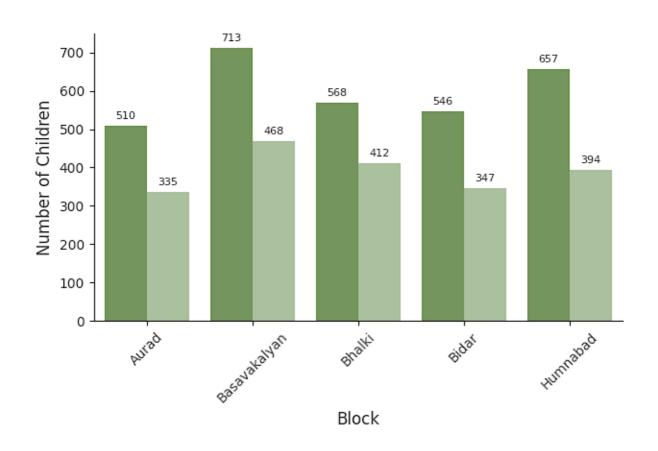


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Participation by GENDER

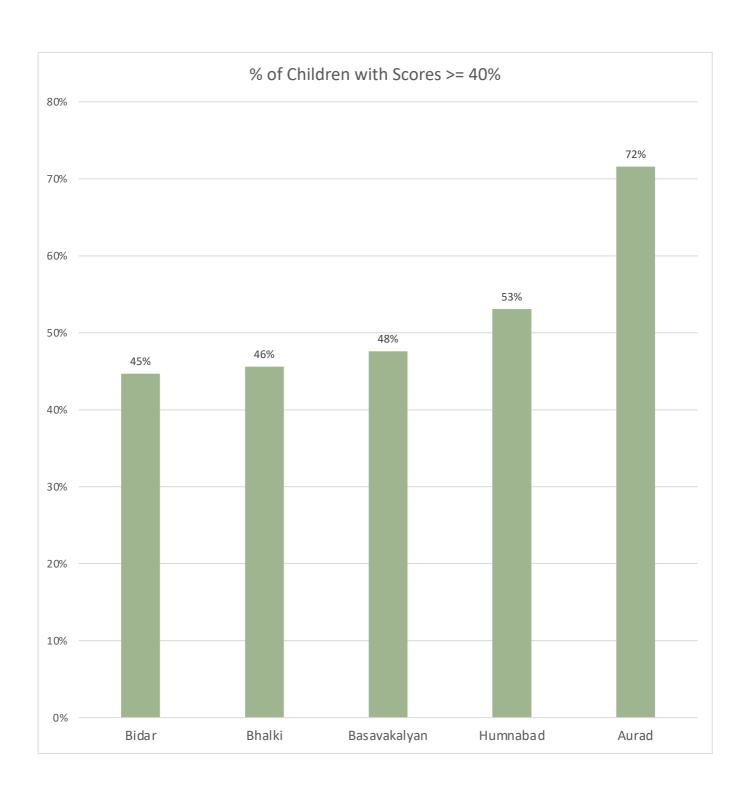


Gender female male











The TOP PERFORMING

block

Aurad

The

BOTTOM PERFORMING

blocks

Bidar (

Bhalki ()

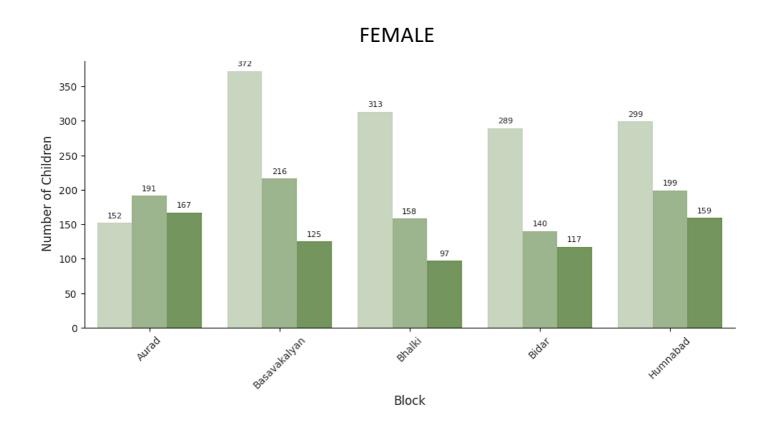
Basavakalyan 🔴

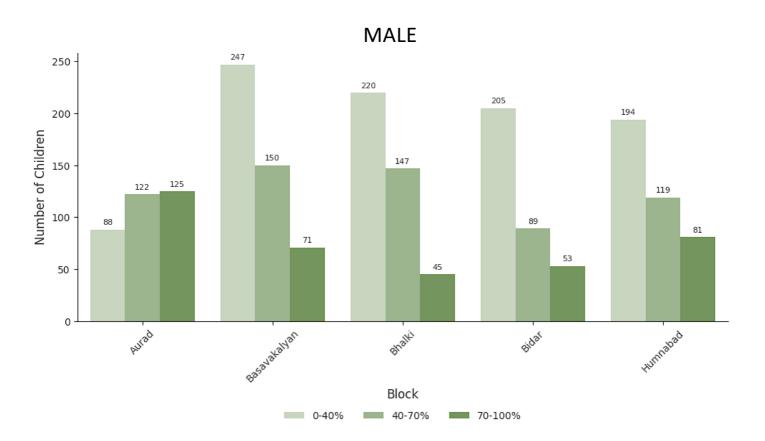
Humnabad (





PERFORMANCE BY GENDER









ಶಾಲಾ ಮಕ್ಕಳಗೆ ಗಣಿತ ಸ್ಫರ್ಧೆ



(ವರದಿ. ಡಿ. ಕೆ. ಪ್ರಹ್ಲಾದ) ಬಸವಕಲ್ಯಾಣ:ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ ಮತ್ತು ಪಂಚಾಯತ್ ರಾಜ್ 2024-25ನೇ ಸಾಲಿನ ಶಾಲಾ ಪಬ್ಲಿಕ್ ಶಾಲೆ ಗೋರ್ಟಾ(ಬಿ) ದಲ್ಲಿ ನಡೆಸಲಾಯಿತು.4ನೇ,5ನೇ, 6ನೇ ತರಗತಿ ಮಕ್ಕಳಿಗೆ ಗಣಿತ ಸ್ಪರ್ಧೆಯನ್ನು ನಡೆಸಿ ಪ್ರಥಮ, ದ್ವಿತೀಯ,ತೃತೀಯ ಸ್ಥಾನ ಪಡೆದ

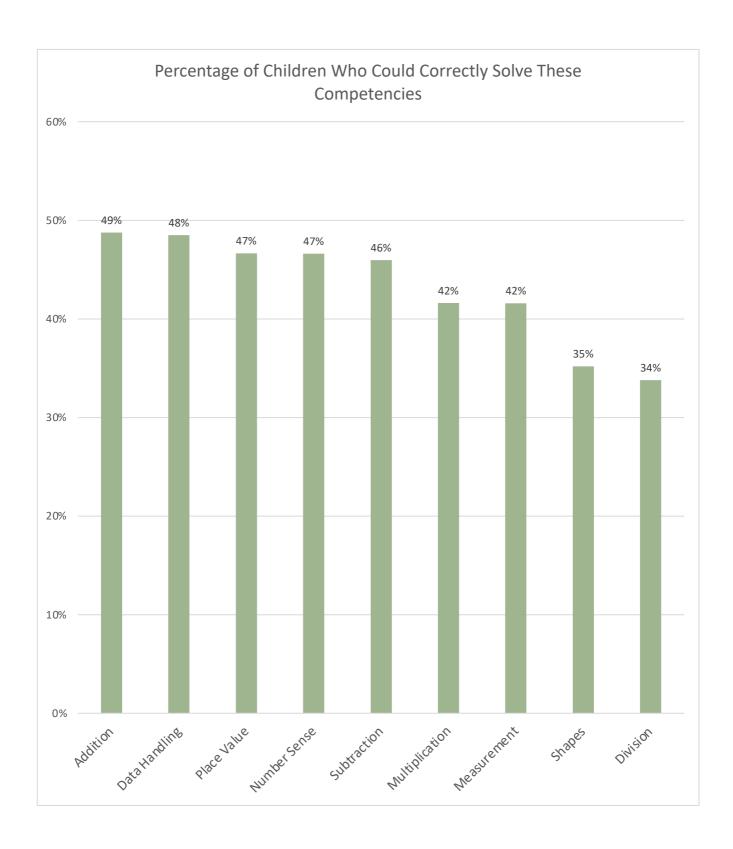
ಮಕ್ಕಳಿಗೆ ಗ್ರಾ.ಪಂ ವತಿಯಿಂದ ನಗದು ಬಹುಮಾನ ಹಾಗೂ (ದ್ವಿತೀಯ)ವರ್ಷಿಣಿರವೀಂದ್ರ ಪ್ರಶಸ್ತಿ ಪತ್ರ ನೀಡಲಾಯಿತು, (ತೃತೀಯ)ಬಹುಮಾನಪಡೆದರು. ಈ ವೇಳೆ ಕರ್ನಾಟಕ ಪಬ್ಲಿಕ್ ಈ ಸಂದರ್ಭದಲ್ಲಿ ಗ್ರಾ.ಪಂ ಇಲಾಖೆ, ಶಾಲಾ ಶಿಕ್ಷಣ ಈ ವೇಳೆ ಕರ್ನಾಟಕ ಪಜ್ಞಿಕ್ ಈ ಸಂದರ್ಭದಲ್ಲಿ ಗ್ರಾಪಂ ಇಲಾಖೆ, ಅಕ್ಷರ ಪೌಂಡೇಶನ್ ಶಾಲೆಗೋರ್ಟಾ(ಬಿ)ದಲ್ಲಿನ4ನೇ ಅಧ್ಯಕ್ಷೆ ಸರಸ್ವತಿ ಮಹಾದೇವ ಸಂಯುಕ್ತಾಶ್ರಯದಲ್ಲಿ ಗೋರ್ಟ್ನಾ(ಬಿ) ತರಗತಿಯಲ್ಲಿ ಅಂಬಿಕಾ ದೀಲಿಪ ಪಟ್ಟಿ,ಶಾಲಾ ಬೆಂಬಲಿತ ಗ್ರಾಮ ಪಂಚಾಯತ್ ಮಟ್ಟದ (ಪ್ರಥಮ)ಅಮೃತಾ ಮಹಾದೇವ ಅಧಿಕಾರಿಗಳಾದ ಸಿ.ಆರ್.ಪಿ (ದ್ವಿತೀಯ)ಶಾಂಭವಿ ಹಣಮಂತ ಮಕ್ಕಳ ಗಣಿತ ಸ್ಪರ್ಧೆ ಕರ್ನಾಟಕ (ತೃತೀಯ) 5 ನೇತರಗತಿಯಲ್ಲಿ ಕನ್ಯಾಕುಮಾರ ದೀಲಿಪಕುಮಾರ ಯೋಗೆ ಶ್ವರಿವಳಸಂಗೆ,ಎಸ್.ಡಿ.ಎಂ.ಸಿ (ಪ್ರಥಮ) ರಾಜೇಶ್ವರಿ ಶಂಕರ (ದ್ವಿತೀಯ) ವಚನಶ್ರೀ ಸಂಗಮೇಶ (ತೃತೀಯ)6ನೇತರಗತಿಯಲ್ಲಿ ನೀಶಾ ಸೋಮನಾಥ (ಪ್ರಥಮ)

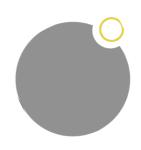
ಕಲಾವತಿ ವಿಜಯಕುಮಾರ ಗಿರಿಧರ ಧಾನುರೆ,ನಾಸೇರ ಪಟೇಲ್,ಪ್ರಭಾರಿ ಮುಖ್ಯ ಶಿಕ್ಷಕಿ ಅಧ್ಯಕ್ಷ ಮಹಾದೇವಿ ಶಿವಶಂಕರ್ ಹತ್ತೆ,ಮಾರುತಿ ಶಿಂಧೆ,ಶಂಕರ ಬಿರಾದಾರ, ಸೇರಿದಂತೆ ಅನೇ ಕರು ಉಪಸ್ಥಿತರಿದ್ದು.











The

EASIEST

competencies

- Addition
- Data Handling
- Place Value

The

TOUGHER

competencies

- Division 🖹
- Shapes 😯
- Measurement 4





100

- 80

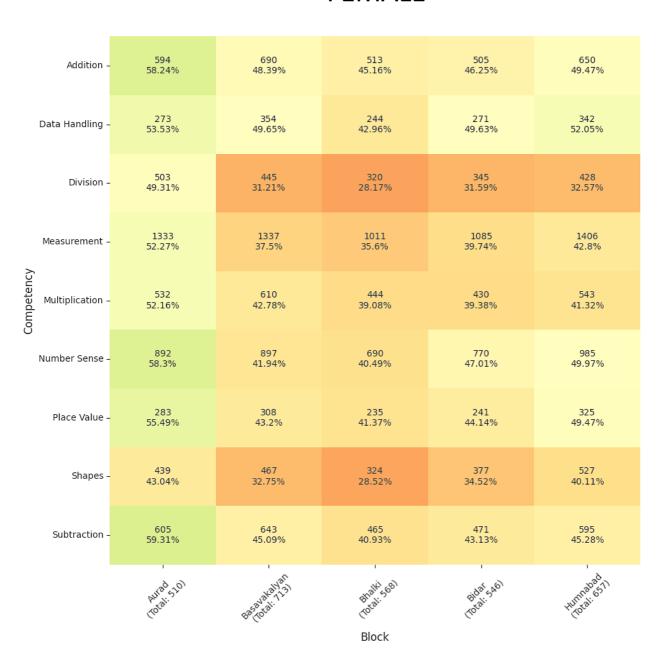
- 60

- 40

- 20

HEAT MAP OF OVERALL PERFORMANCE BY GENDER

FEMALE

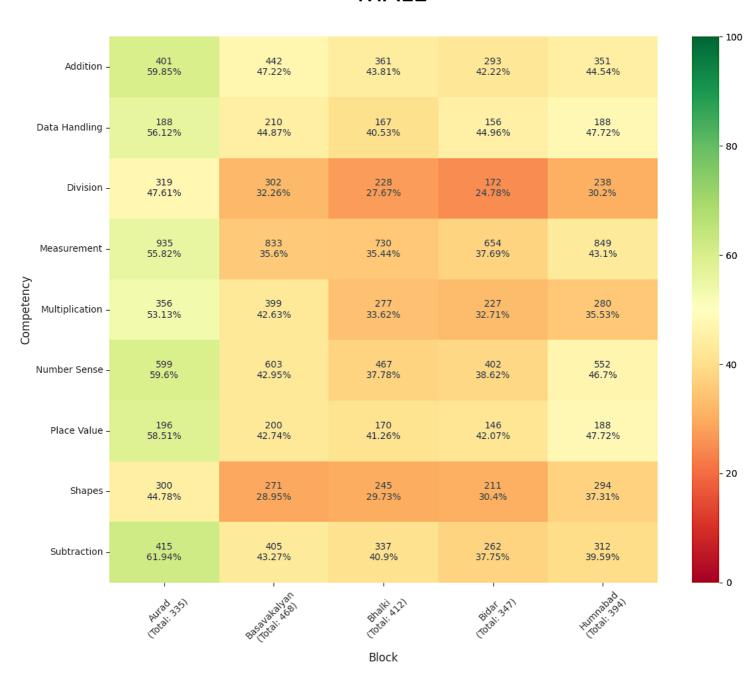






Percentage

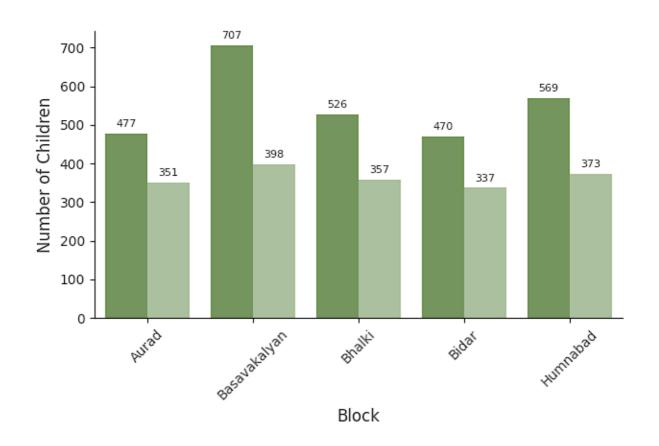
MALE

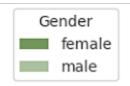






Participation by GENDER

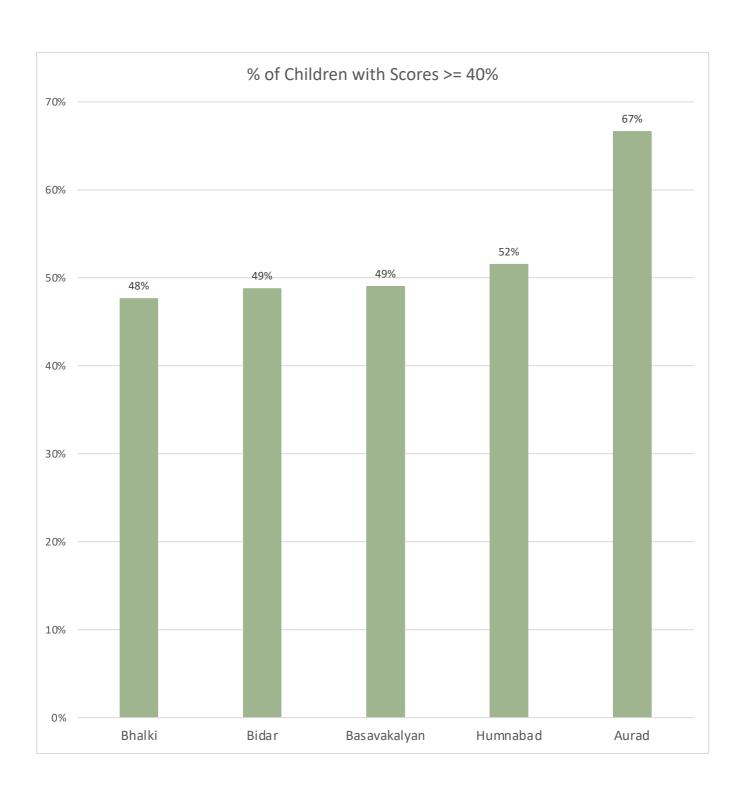














The TOP PERFORMING

block

Aurad

The

BOTTOM PERFORMING

blocks

Bhalki (

Bidar ()

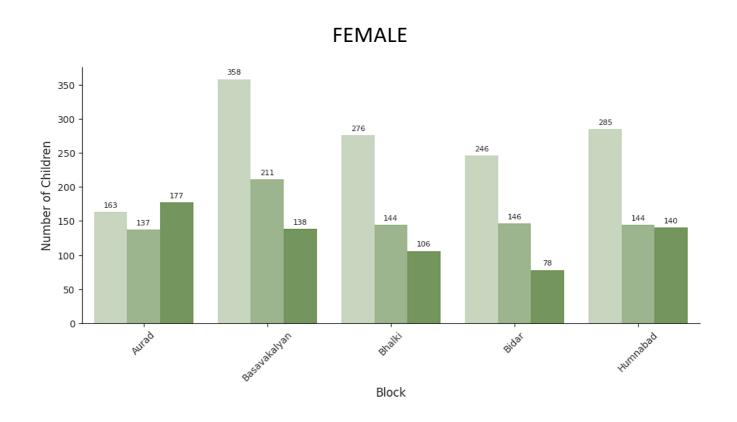
Basavakalyan 🔴

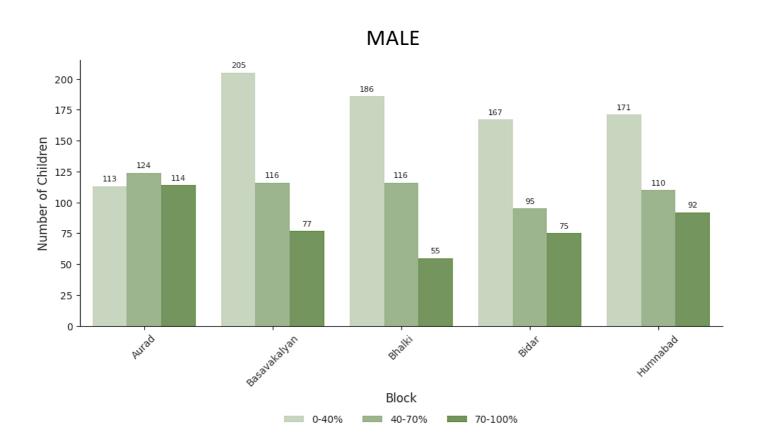
Humnabad ()





PERFORMANCE BY GENDER





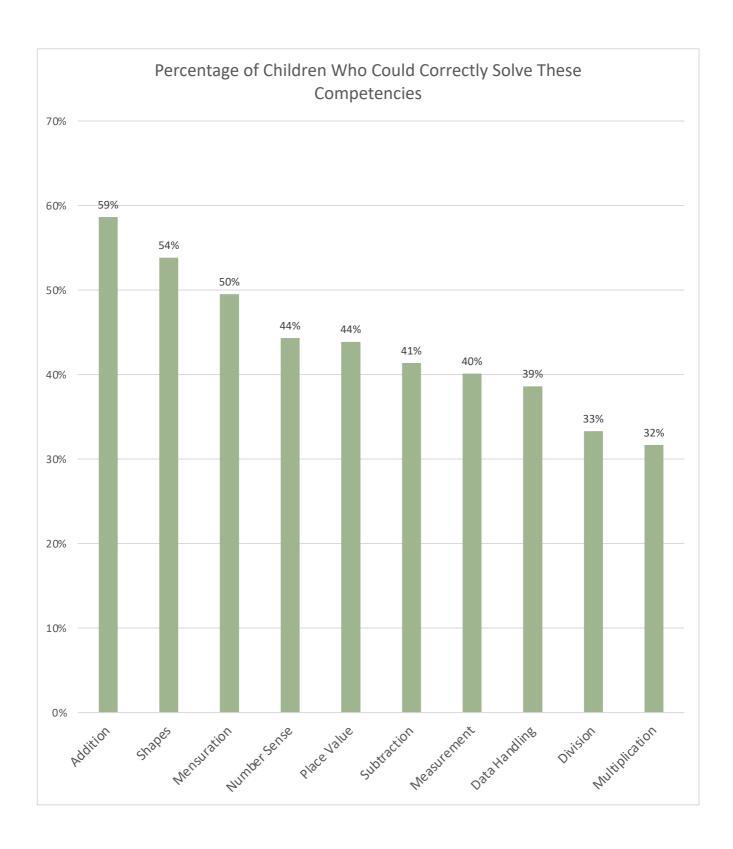


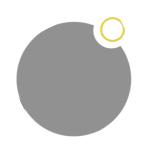












The

EASIEST

competencies

- Addition
- Shapes
- Mensuration

The

TOUGHER

competencies

- Multiplication 🔳
 - Division 🖹
- Data Handling 🐠





HEAT MAP OF OVERALL PERFORMANCE BY GENDER

FEMALE

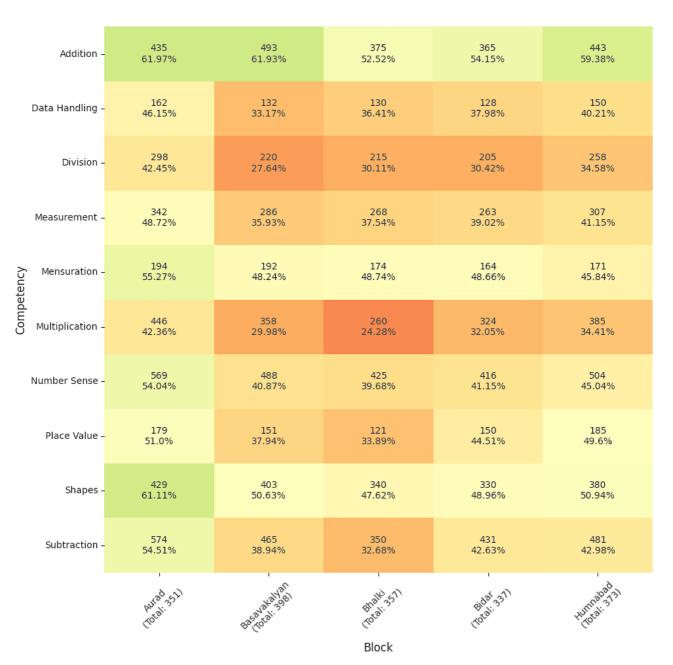
| Addition - | 609 | 868 | 592 | 517 | 672 |
|-----------------|------------|------------------|----------------|---------------|---------------|
| | 63.84% | 61.39% | 56.27% | 55.0% | 59.05% |
| Data Handling - | 223 | 243 | 182 | 178 | 220 |
| | 46.75% | 34.37% | 34.6% | 37.87% | 38.66% |
| Division - | 456 | 409 | 321 | 259 | 370 |
| | 47.8% | 28.93% | 30.51% | 27.55% | 32.51% |
| Measurement - | 490 | 513 | 380 | 365 | 419 |
| | 51.36% | 36.28% | 36.12% | 38.83% | 36.82% |
| Mensuration - | 277 | 341 | 250 | 216 | 275 |
| | 58.07% | 48.23% | 47.53% | 45.96% | 48.33% |
| Mensuration - | 643 | 571 | 428 | 382 | 501 |
| | 44.93% | 26.92% | 27.12% | 27.09% | 29.35% |
| Number Sense - | 797 | 902 | 652 | 553 | 737 |
| | 55.7% | 42.53% | 41.32% | 39.22% | 43.18% |
| Place Value - | 266 | 279 | 205 | 196 | 256 |
| | 55.77% | 39.46% | 38.97% | 41.7% | 44.99% |
| Shapes - | 607 | 778 | 561 | 467 | 614 |
| | 63.63% | 55.02% | 53.33% | 49.68% | 53.95% |
| Subtraction - | 54.16% | 791 37.29% | 569 36.06% | 514 36.45% | 677 39.66% |
| | Aurad a Th | 48 FLOTA 1. 10 T | (10 th, 25 to) | didat a Tol | Hillian ago |
| | | | Block | | |

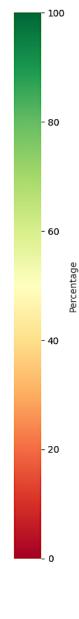
100 - 80 - 60 - 40 - 20





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

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