



District Report Card: 2017


| | |
|-------------------------|-----------------------------|
| State: Karnataka | District: Ballari |
| Class: 5 | Subject: Mathematics |
| Schools: 61 | Students: 1525 |


Participation/Coverage


Students

| GENDER  | Boys | | Girls | |
|--|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 726 | 47.61 | 799 | 52.39 |

| AREA  | Rural | | Urban | |
|---|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 1111 | 72.85 | 414 | 27.15 |

| CATEGORY  | SC | | ST | | OBC | | GEN | |
|--|--------|-------|--------|-------|--------|-------|--------|------|
| | Number | % | Number | % | Number | % | Number | % |
| | 399 | 26.16 | 332 | 21.77 | 766 | 50.23 | 28 | 1.84 |

| CWSN  | LD | VI | HI | S&LD | ID | Oth |
|--|----|----|----|------|----|-----|
| | 8 | 0 | 0 | 9 | 4 | 7 |

| Management  | Government | | Government-aided | |
|--|------------|-------|------------------|-------|
| | Number | % | Number | % |
| | 1365 | 89.51 | 160 | 10.49 |

Average Performance of Students in Mathematics (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 70.91 | 71.08 | 70.75 | 71.64 | 68.95 | 69.69 | 81.29 | 69.44 | 69.68 | 72.13 | 72.86 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| M401 | Applies operations of numbers in daily life situations | 75.67 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 55.29 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 83.30 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 80.52 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 79.34 |
| M504 | Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation | 75.55 |
| M505 | Finds the number corresponding to part of a collection | 60.42 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 52.92 |
| M508 | Converts fractions into decimals and vice versa | 77.25 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 73.76 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 80.62 |
| M513 | Estimates the volume of a solid body in known units. | 63.10 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 67.13 |
| M515 | Identifies the pattern in triangular numbers and square number | 67.80 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 74.64 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|------|-----------|-------|-----------|-------|-----------|-------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 103 | 6.75 | 176 | 11.54 | 506 | 33.18 | 740 | 48.52 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (52.92)
- 2 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (55.29)
- 3 - Finds the number corresponding to part of a collection (60.42)
- 4 - Estimates the volume of a solid body in known units. (63.10)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (67.13)