



District Report Card: 2017


| | |
|----------------------|-----------------------------|
| State: Odisha | District: Kandhamal |
| Class: 5 | Subject: Mathematics |
| Schools: 54 | Students: 829 |


Participation/Coverage


Students

| | | | | |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys | | Girls | |
| | Number | % | Number | % |
| | 394 | 47.53 | 435 | 52.47 |

| | | | | |
|---|--------|-------|--------|------|
| <div>AREA</div> <div></div> | Rural | | Urban | |
| | Number | % | Number | % |
| | 758 | 91.44 | 71 | 8.56 |

| | | | | | | | | |
|--|--------|-------|--------|-------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC | | ST | | OBC | | GEN | |
| | Number | % | Number | % | Number | % | Number | % |
| | 176 | 21.23 | 457 | 55.13 | 148 | 17.85 | 48 | 5.79 |

| | | | | | | |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
| | 0 | 3 | 0 | 1 | 2 | 4 |

| | | | | |
|--|------------|-------|------------------|------|
| <div>Management</div> <div></div> | Government | | Government-aided | |
| | Number | % | Number | % |
| | 799 | 96.38 | 30 | 3.62 |

Average Performance of Students in Mathematics (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 45.25 | 43.91 | 46.47 | 46.58 | 31.08 | 45.52 | 38.22 | 46.10 | 44.87 | 46.49 | 41.94 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| M401 | Applies operations of numbers in daily life situations | 38.36 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 40.53 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 57.45 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 55.01 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 52.96 |
| 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 | 47.00 |
| M505 | Finds the number corresponding to part of a collection | 50.08 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 34.98 |
| M508 | Converts fractions into decimals and vice versa | 39.08 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 54.98 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 33.09 |
| M513 | Estimates the volume of a solid body in known units. | 24.03 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 36.57 |
| M515 | Identifies the pattern in triangular numbers and square number | 40.41 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 59.71 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 231 | 27.86 | 224 | 27.02 | 289 | 34.86 | 85 | 10.25 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (24.03)
- 2 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (33.09)
- 3 - Identifies and forms equivalent fractions of a given fraction (34.98)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (36.57)
- 5 - Applies operations of numbers in daily life situations (38.36)