



District Report Card: 2017


| | |
|-------------------------|-----------------------------|
| State: Jharkhand | District: Dumka |
| Class: 5 | Subject: Mathematics |
| Schools: 61 | Students: 845 |


Participation/Coverage


Students

| | | | | | | | | |
|--|--------|--|-------|--|--------|--|-------|--|
| <div>GENDER</div> <div></div> | Boys | | | | Girls | | | |
| | Number | | % | | Number | | % | |
| | 431 | | 51.01 | | 414 | | 48.99 | |

| | | | | | | | | |
|---|--------|--|-------|--|--------|--|------|--|
| <div>AREA</div> <div></div> | Rural | | | | Urban | | | |
| | Number | | % | | Number | | % | |
| | 791 | | 93.61 | | 54 | | 6.39 | |

| | | | | | | | | |
|--|--------|------|--------|-------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC | | ST | | OBC | | GEN | |
| | Number | % | Number | % | Number | % | Number | % |
| | 43 | 5.09 | 300 | 35.50 | 500 | 59.17 | 2 | 0.24 |

| | | | | | | |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
| | 0 | 3 | 1 | 1 | 1 | 6 |

| | | | | | | |
|--|------------|--|--------|------------------|--|------|
| <div>Management</div> <div></div> | Government | | | Government-aided | | |
| | Number | | % | Number | | % |
| | 845 | | 100.00 | 0 | | 0.00 |

Average Performance of Students in Mathematics (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 59.16 | 58.64 | 59.71 | 59.82 | 49.51 | 59.16 | 0.00 | 66.67 | 58.67 | 58.75 | 76.67 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| M401 | Applies operations of numbers in daily life situations | 53.85 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 65.37 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 75.38 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 62.13 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 68.28 |
| 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 | 55.86 |
| M505 | Finds the number corresponding to part of a collection | 53.36 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 46.51 |
| M508 | Converts fractions into decimals and vice versa | 54.63 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 56.33 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 68.97 |
| M513 | Estimates the volume of a solid body in known units. | 48.54 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 60.57 |
| M515 | Identifies the pattern in triangular numbers and square number | 53.14 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 56.09 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 120 | 14.20 | 174 | 20.59 | 313 | 37.04 | 238 | 28.17 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (46.51)
- 2 - Estimates the volume of a solid body in known units. (48.54)
- 3 - Identifies the pattern in triangular numbers and square number (53.14)
- 4 - Finds the number corresponding to part of a collection (53.36)
- 5 - Applies operations of numbers in daily life situations (53.85)