



District Report Card: 2017


| | |
|----------------------|-----------------------------|
| State: Odisha | District: Bolangir |
| Class: 5 | Subject: Mathematics |
| Schools: 58 | Students: 1017 |


Participation/Coverage


Students

| | | | | |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys | | Girls | |
| | Number | % | Number | % |
| | 490 | 48.18 | 527 | 51.82 |

| | | | | |
|---|--------|-------|--------|------|
| <div>AREA</div> <div></div> | Rural | | Urban | |
| | Number | % | Number | % |
| | 938 | 92.23 | 79 | 7.77 |

| | | | | | | | | |
|--|--------|-------|--------|-------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC | | ST | | OBC | | GEN | |
| | Number | % | Number | % | Number | % | Number | % |
| | 208 | 20.45 | 246 | 24.19 | 547 | 53.79 | 16 | 1.57 |

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

| | | | | |
|--|------------|--------|------------------|------|
| <div>Management</div> <div></div> | Government | | Government-aided | |
| | Number | % | Number | % |
| | 1017 | 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 |
| 58.26 | 58.99 | 57.57 | 58.58 | 54.43 | 58.26 | 0.00 | 56.41 | 54.88 | 60.48 | 58.33 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| M401 | Applies operations of numbers in daily life situations | 65.09 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 53.37 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 70.22 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 70.21 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 65.59 |
| 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 | 57.70 |
| M505 | Finds the number corresponding to part of a collection | 59.74 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 51.43 |
| M508 | Converts fractions into decimals and vice versa | 54.17 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 56.27 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 52.24 |
| M513 | Estimates the volume of a solid body in known units. | 40.08 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 49.41 |
| M515 | Identifies the pattern in triangular numbers and square number | 52.41 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 74.66 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 142 | 13.96 | 228 | 22.42 | 398 | 39.13 | 249 | 24.48 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (40.08)
- 2 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (49.41)
- 3 - Identifies and forms equivalent fractions of a given fraction (51.43)
- 4 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (52.24)
- 5 - Identifies the pattern in triangular numbers and square number (52.41)