



### District Report Card: 2017


|                         |                                      |
|-------------------------|--------------------------------------|
| <b>State:</b> Jharkhand | <b>District:</b> Pashchimi Singhbhum |
| <b>Class:</b> 5         | <b>Subject:</b> Mathematics          |
| <b>Schools:</b> 61      | <b>Students:</b> 1025                |


### Participation/Coverage


#### Students

|  |        |       |        |       |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys   |       | Girls  |       |
|  | Number | %     | Number | %     |
|  | 491    | 47.90 | 534    | 52.10 |

|   |        |       |        |      |
|---|--------|-------|--------|------|
| <div>AREA</div> <div></div> | Rural  |       | Urban  |      |
|   | Number | %     | Number | %    |
|   | 983    | 95.90 | 42     | 4.10 |

|  |        |      |        |       |        |       |        |      |
|--|--------|------|--------|-------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC     |      | ST     |       | OBC    |       | GEN    |      |
|  | Number | %    | Number | %     | Number | %     | Number | %    |
|  | 48     | 4.68 | 717    | 69.95 | 260    | 25.37 | 0      | 0.00 |

|  |    |    |    |      |    |     |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
|  | 1  | 1  | 1  | 1    | 0  | 14  |

|  |            |       |                  |      |
|--|------------|-------|------------------|------|
| <div>Management</div> <div></div> | Government |       | Government-aided |      |
|  | Number     | %     | Number           | %    |
|  | 995        | 97.07 | 30               | 2.93 |

### Average Performance of Students in Mathematics (%)

| Overall | Gender |        | Area  |       | Management |       | Social Group |       |       |      |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|------|
|         | Male   | Female | Rural | Urban | Govt.      | Aided | SC           | ST    | OBC   | GEN  |
| 59.75   | 58.40  | 61.00  | 59.10 | 75.08 | 59.31      | 74.44 | 73.61        | 56.40 | 66.44 | 0.00 |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| M401              | Applies operations of numbers in daily life situations   | 54.63                  |
| M412              | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit   | 64.87                  |
| M418              | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction  | 77.92                  |
| M421              | Represent the collected information in tables and bar graphs and draws inferences from these   | 64.78                  |
| M501              | Reads and writes numbers bigger than 1000 being used in her/his surroundings   | 71.80                  |
| 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 | 58.78                  |
| M505              | Finds the number corresponding to part of a collection   | 46.29                  |
| M506              | Identifies and forms equivalent fractions of a given fraction  | 47.80                  |
| M508              | Converts fractions into decimals and vice versa  | 62.28                  |
| M509              | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing   | 62.75                  |
| M512              | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa  | 62.98                  |
| M513              | Estimates the volume of a solid body in known units.   | 43.11                  |
| M514              | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals  | 57.23                  |
| M515              | Identifies the pattern in triangular numbers and square number   | 54.34                  |
| M516              | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it  | 66.98                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |       |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %     | Number    | %     | Number    | %     | Number    | %     |
| 111   | 10.83 | 234       | 22.83 | 409       | 39.90 | 271       | 26.44 |

## Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (43.11)
- 2 - Finds the number corresponding to part of a collection (46.29)
- 3 - Identifies and forms equivalent fractions of a given fraction (47.80)
- 4 - Identifies the pattern in triangular numbers and square number (54.34)
- 5 - Applies operations of numbers in daily life situations (54.63)