



### District Report Card: 2017


|                            |                              |
|----------------------------|------------------------------|
| <b>State:</b> Chhattisgarh | <b>District:</b> Rajnandgaon |
| <b>Class:</b> 5            | <b>Subject:</b> Mathematics  |
| <b>Schools:</b> 60         | <b>Students:</b> 945         |


### Participation/Coverage


#### Students

| <br>GENDER | Boys   |       | Girls  |       |
|---|--------|-------|--------|-------|
|   | Number | %     | Number | %     |
|   | 460    | 48.68 | 485    | 51.32 |

| <br>AREA | Rural  |       | Urban  |      |
|--|--------|-------|--------|------|
|  | Number | %     | Number | %    |
|  | 859    | 90.90 | 86     | 9.10 |

| <br>CATEGORY | SC     |       | ST     |       | OBC    |       | GEN    |      |
|---|--------|-------|--------|-------|--------|-------|--------|------|
|   | Number | %     | Number | %     | Number | %     | Number | %    |
|   | 126    | 13.33 | 236    | 24.97 | 573    | 60.63 | 10     | 1.06 |

| <br>CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|----|----|----|------|----|-----|
|   | 0  | 4  | 0  | 0    | 1  | 1   |

| <br>Management | Government |        | Government-aided |      |
|---|------------|--------|------------------|------|
|   | Number     | %      | Number           | %    |
|   | 945        | 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   |
| 49.13   | 49.33  | 48.93  | 49.24 | 48.06 | 49.13      | 0.00  | 41.59        | 46.75 | 51.87 | 43.33 |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| M401              | Applies operations of numbers in daily life situations   | 31.64                  |
| M412              | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit   | 51.42                  |
| M418              | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction  | 64.39                  |
| M421              | Represent the collected information in tables and bar graphs and draws inferences from these   | 56.08                  |
| M501              | Reads and writes numbers bigger than 1000 being used in her/his surroundings   | 58.20                  |
| 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 | 54.32                  |
| M505              | Finds the number corresponding to part of a collection   | 53.60                  |
| M506              | Identifies and forms equivalent fractions of a given fraction  | 40.63                  |
| M508              | Converts fractions into decimals and vice versa  | 47.28                  |
| M509              | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing   | 51.57                  |
| M512              | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa  | 46.30                  |
| M513              | Estimates the volume of a solid body in known units.   | 30.72                  |
| M514              | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals  | 41.59                  |
| M515              | Identifies the pattern in triangular numbers and square number   | 46.46                  |
| M516              | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it  | 60.29                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |       |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %     | Number    | %     | Number    | %     | Number    | %     |
| 196   | 20.74 | 333       | 35.24 | 283       | 29.95 | 133       | 14.07 |

## Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (30.72)
- 2 - Applies operations of numbers in daily life situations (31.64)
- 3 - Identifies and forms equivalent fractions of a given fraction (40.63)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (41.59)
- 5 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (46.30)