



### District Report Card: 2017


|                         |                             |
|-------------------------|-----------------------------|
| <b>State:</b> Rajasthan | <b>District:</b> Ajmer      |
| <b>Class:</b> 5         | <b>Subject:</b> Mathematics |
| <b>Schools:</b> 59      | <b>Students:</b> 1082       |


### Participation/Coverage


#### Students

|  |        |       |        |       |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys   |       | Girls  |       |
|  | Number | %     | Number | %     |
|  | 464    | 42.88 | 618    | 57.12 |

|   |        |       |        |       |
|---|--------|-------|--------|-------|
| <div>AREA</div> <div></div> | Rural  |       | Urban  |       |
|   | Number | %     | Number | %     |
|   | 945    | 87.34 | 137    | 12.66 |

|  |        |       |        |      |        |       |        |      |
|--|--------|-------|--------|------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC     |       | ST     |      | OBC    |       | GEN    |      |
|  | Number | %     | Number | %    | Number | %     | Number | %    |
|  | 231    | 21.35 | 41     | 3.79 | 718    | 66.36 | 92     | 8.50 |

|  |    |    |    |      |    |     |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
|  | 3  | 8  | 0  | 0    | 6  | 26  |

|  |            |        |                  |      |
|--|------------|--------|------------------|------|
| <div>Management</div> <div></div> | Government |        | Government-aided |      |
|  | Number     | %      | Number           | %    |
|  | 1082       | 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   |
| 64.85   | 65.80  | 64.13  | 65.40 | 61.07 | 64.85      | 0.00  | 62.86        | 62.60 | 65.59 | 65.07 |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| M401              | Applies operations of numbers in daily life situations   | 45.84                  |
| M412              | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit   | 71.11                  |
| M418              | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction  | 81.07                  |
| M421              | Represent the collected information in tables and bar graphs and draws inferences from these   | 54.81                  |
| M501              | Reads and writes numbers bigger than 1000 being used in her/his surroundings   | 77.82                  |
| 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 | 64.76                  |
| M505              | Finds the number corresponding to part of a collection   | 65.15                  |
| M506              | Identifies and forms equivalent fractions of a given fraction  | 47.13                  |
| M508              | Converts fractions into decimals and vice versa  | 64.63                  |
| M509              | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing   | 70.63                  |
| M512              | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa  | 75.09                  |
| M513              | Estimates the volume of a solid body in known units.   | 55.37                  |
| M514              | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals  | 64.20                  |
| M515              | Identifies the pattern in triangular numbers and square number   | 55.91                  |
| M516              | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it  | 79.89                  |

| Range of Performance of Students who Answered Correctly |      |           |       |           |       |           |       |
|---|------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |      | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %    | Number    | %     | Number    | %     | Number    | %     |
| 77  | 7.12 | 171       | 15.80 | 479       | 44.27 | 355       | 32.81 |

## Lowest Performing Learning Outcomes (LOs)

- 1 - Applies operations of numbers in daily life situations (45.84)
- 2 - Identifies and forms equivalent fractions of a given fraction (47.13)
- 3 - Represent the collected information in tables and bar graphs and draws inferences from these (54.81)
- 4 - Estimates the volume of a solid body in known units. (55.37)
- 5 - Identifies the pattern in triangular numbers and square number (55.91)