



### District Report Card: 2017


|                         |                             |
|-------------------------|-----------------------------|
| <b>State:</b> Telangana | <b>District:</b> Wanaparthy |
| <b>Class:</b> 5         | <b>Subject:</b> Mathematics |
| <b>Schools:</b> 61      | <b>Students:</b> 1062       |


### Participation/Coverage


#### Students

| <b>GENDER</b><br> | Boys   |       | Girls  |       |
|--|--------|-------|--------|-------|
|  | Number | %     | Number | %     |
|  | 549    | 51.69 | 513    | 48.31 |

| <b>AREA</b><br> | Rural  |       | Urban  |      |
|---|--------|-------|--------|------|
|   | Number | %     | Number | %    |
|   | 1005   | 94.63 | 57     | 5.37 |

| <b>CATEGORY</b><br> | SC     |       | ST     |       | OBC    |       | GEN    |      |
|--|--------|-------|--------|-------|--------|-------|--------|------|
|  | Number | %     | Number | %     | Number | %     | Number | %    |
|  | 233    | 21.94 | 125    | 11.77 | 666    | 62.71 | 38     | 3.58 |

| <b>CWSN</b><br> | LD | VI | HI | S&LD | ID | Oth |
|--|----|----|----|------|----|-----|
|  | 2  | 0  | 0  | 3    | 1  | 1   |

| <b>Management</b><br> | Government |        | Government-aided |      |
|--|------------|--------|------------------|------|
|  | Number     | %      | Number           | %    |
|  | 1062       | 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   |
| 59.67   | 56.89  | 62.64  | 60.04 | 53.10 | 59.67      | 0.00  | 58.25        | 54.08 | 61.28 | 58.42 |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| M401              | Applies operations of numbers in daily life situations   | 60.08                  |
| M412              | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit   | 49.17                  |
| M418              | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction  | 67.58                  |
| M421              | Represent the collected information in tables and bar graphs and draws inferences from these   | 74.76                  |
| M501              | Reads and writes numbers bigger than 1000 being used in her/his surroundings   | 67.51                  |
| 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 | 60.23                  |
| M505              | Finds the number corresponding to part of a collection   | 57.48                  |
| M506              | Identifies and forms equivalent fractions of a given fraction  | 56.69                  |
| M508              | Converts fractions into decimals and vice versa  | 63.08                  |
| M509              | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing   | 60.95                  |
| M512              | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa  | 58.32                  |
| M513              | Estimates the volume of a solid body in known units.   | 36.92                  |
| M514              | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals  | 55.16                  |
| M515              | Identifies the pattern in triangular numbers and square number   | 53.95                  |
| M516              | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it  | 62.91                  |

| Range of Performance of Students who Answered Correctly |      |           |       |           |       |           |       |
|---|------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |      | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %    | Number    | %     | Number    | %     | Number    | %     |
| 106   | 9.98 | 247       | 23.26 | 467       | 43.97 | 242       | 22.79 |

## Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (36.92)
- 2 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (49.17)
- 3 - Identifies the pattern in triangular numbers and square number (53.95)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (55.16)
- 5 - Identifies and forms equivalent fractions of a given fraction (56.69)