NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
**NATIONAL ACHIEVEMENT SURVEY - NAS**
(Survey of Learning Outcomes)

| District Report Card: 2017 | |
|---|---|
| **State:** Telangana | **District:** Mahabubabad |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 58 | **Students:** 983 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 442 | 44.96 | 541 | 55.04 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 919 | 93.49 | 64 | 6.51 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 283 | 28.79 | 386 | 39.27 | 296 | 30.11 | 18 | 1.83 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 0 | 2 | 0 | 3 | 5 | 1 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 983 | 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 |
| 49.89 | 52.11 | 48.08 | 51.05 | 33.33 | 49.89 | 0.00 | 47.66 | 48.39 | 54.14 | 47.41 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 49.03 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 36.68 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 62.27 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 57.27 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 57.38 |
| 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 | 51.52 |
| M505 | Finds the number corresponding to part of a collection | 50.20 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 46.90 |
| M508 | Converts fractions into decimals and vice versa | 53.28 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 51.08 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 53.74 |
| M513 | Estimates the volume of a solid body in known units. | 33.20 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 42.22 |
| M515 | Identifies the pattern in triangular numbers and square number | 45.98 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 53.33 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 224 | 22.79 | 325 | 33.06 | 269 | 27.37 | 165 | 16.79 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (33.20)

2 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (36.68)

3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (42.22)

4 - Identifies the pattern in triangular numbers and square number (45.98)

5 - Identifies and forms equivalent fractions of a given fraction (46.90)

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**CSWN:**  **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;
**S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

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