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

| District Report Card: 2017 | |
|---|---|
| **State:** Nagaland | **District:** Mon |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 53 | **Students:** 884 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 341 | 38.57 | 543 | 61.43 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 752 | 85.07 | 132 | 14.93 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 0 | 0.00 | 873 | 98.76 | 6 | 0.68 | 5 | 0.57 |

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

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 884 | 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** |
| **38.62** | **37.60** | **39.26** | **39.63** | **32.88** | **38.62** | **0.00** | **0.00** | **38.66** | **27.78** | **44.00** |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 45.36 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 42.34 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 48.72 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 43.21 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 45.14 |
| 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 | 31.59 |
| M505 | Finds the number corresponding to part of a collection | 41.54 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 26.92 |
| M508 | Converts fractions into decimals and vice versa | 43.02 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 36.18 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 41.14 |
| M513 | Estimates the volume of a solid body in known units. | 25.90 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 31.74 |
| M515 | Identifies the pattern in triangular numbers and square number | 34.28 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 46.82 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 343 | 38.80 | 316 | 35.75 | 185 | 20.93 | 40 | 4.52 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (25.90)

2 - Identifies and forms equivalent fractions of a given fraction (26.92)

3 - 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 (31.59)

4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (31.74)

5 - Identifies the pattern in triangular numbers and square number (34.28)

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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.