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

| District Report Card: 2017 | |
|---|---|
| **State:** Nagaland | **District:** Mokokchung |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 54 | **Students:** 659 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 343 | 52.05 | 316 | 47.95 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 426 | 64.64 | 233 | 35.36 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 2 | 0.30 | 595 | 90.29 | 13 | 1.97 | 49 | 7.44 |

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

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 659 | 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 |
| 50.48 | 49.70 | 51.33 | 52.05 | 47.61 | 50.48 | 0.00 | 70.00 | 50.67 | 48.72 | 47.89 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 45.98 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 59.04 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 63.98 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 59.18 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 47.34 |
| 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 | 60.86 |
| M505 | Finds the number corresponding to part of a collection | 55.07 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 37.94 |
| M508 | Converts fractions into decimals and vice versa | 64.76 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 51.12 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 53.21 |
| M513 | Estimates the volume of a solid body in known units. | 28.92 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 40.18 |
| M515 | Identifies the pattern in triangular numbers and square number | 40.52 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 74.62 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 111 | 16.84 | 224 | 33.99 | 235 | 35.66 | 89 | 13.51 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (28.92)

2 - Identifies and forms equivalent fractions of a given fraction (37.94)

3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (40.18)

4 - Identifies the pattern in triangular numbers and square number (40.52)

5 - Applies operations of numbers in daily life situations (45.98)

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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.