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

| District Report Card: 2017 | |
|---|---|
| **State:** Arunachal Pradesh | **District:** Dibang Valley |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 6 | **Students:** 70 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 35 | 50.00 | 35 | 50.00 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 26 | 37.14 | 44 | 62.86 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 11 | 15.71 | 44 | 62.86 | 0 | 0.00 | 15 | 21.43 |

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

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 70 | 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 |
| 43.52 | 43.05 | 44.00 | 44.10 | 43.18 | 43.52 | 0.00 | 44.24 | 42.42 | 0.00 | 46.22 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 25.71 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 34.38 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 56.86 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 44.29 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 52.86 |
| 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 | 31.58 |
| M505 | Finds the number corresponding to part of a collection | 50.93 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 37.14 |
| M508 | Converts fractions into decimals and vice versa | 50.00 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 59.26 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 55.26 |
| M513 | Estimates the volume of a solid body in known units. | 28.13 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 36.05 |
| M515 | Identifies the pattern in triangular numbers and square number | 30.00 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 42.11 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 6 | 8.57 | 43 | 61.43 | 21 | 30.00 | 0 | 0.00 |

## Lowest Performing Learning Outcomes (LOs)

1 - Applies operations of numbers in daily life situations (25.71)

2 - Estimates the volume of a solid body in known units. (28.13)

3 - Identifies the pattern in triangular numbers and square number (30.00)

4 - 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 (31.58)

5 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (34.38)

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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.