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

| District Report Card: 2017 | |
|---|---|
| **State:** Madhya Pradesh | **District:** Tikamgarh |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 61 | **Students:** 654 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 654 | 100.00 | 0 | 0.00 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 624 | 95.41 | 30 | 4.59 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 152 | 23.24 | 80 | 12.23 | 402 | 61.47 | 20 | 3.06 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 1 | 7 | 0 | 0 | 1 | 9 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 654 | 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 |
| 49.65 | 49.65 | 0.00 | 49.71 | 48.44 | 49.65 | 0.00 | 54.69 | 44.00 | 49.15 | 44.00 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 28.75 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 50.83 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 65.65 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 42.51 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 71.56 |
| 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 | 60.62 |
| M505 | Finds the number corresponding to part of a collection | 36.94 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 50.61 |
| M508 | Converts fractions into decimals and vice versa | 41.86 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 50.25 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 57.51 |
| M513 | Estimates the volume of a solid body in known units. | 34.88 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 46.43 |
| M515 | Identifies the pattern in triangular numbers and square number | 52.14 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 60.06 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 125 | 19.11 | 222 | 33.94 | 218 | 33.33 | 89 | 13.61 |

## Lowest Performing Learning Outcomes (LOs)

1 - Applies operations of numbers in daily life situations (28.75)

2 - Estimates the volume of a solid body in known units. (34.88)

3 - Finds the number corresponding to part of a collection (36.94)

4 - Converts fractions into decimals and vice versa (41.86)

5 - Represent the collected information in tables and bar graphs and draws inferences from these (42.51)

**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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