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

| District Report Card: 2017 | |
|---|---|
| **State:** Madhya Pradesh | **District:** Damoh |
| **Class:** 3 | **Subject:** Mathematics |
| **Schools:** 61 | **Students:** 856 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 450 | 52.57 | 406 | 47.43 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 818 | 95.56 | 38 | 4.44 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 228 | 26.64 | 147 | 17.17 | 455 | 53.15 | 26 | 3.04 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 5 | 3 | 1 | 4 | 2 | 4 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 856 | 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 |
| 60.64 | 60.56 | 60.72 | 59.93 | 75.96 | 60.64 | 0.00 | 59.80 | 59.23 | 61.82 | 55.38 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M301 | Reads and writes numbers up to 999 using place value | 53.44 |
| M302 | Compares numbers up to 999 based on their place values | 73.36 |
| M303 | Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping | 55.78 |
| M304 | Constructs and uses the multiplication facts (up till 10) in daily life situations | 63.32 |
| M305 | Analyses and applies an appropriate number operation in the situation/ context | 57.71 |
| M306 | Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction | 61.92 |
| M309 | Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc. | 73.30 |
| M311 | Fills a given region leaving no gaps using a tile of a given shape | 39.56 |
| M312 | Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships | 29.56 |
| M317 | Reads the time correctly to the hour using a clock/watch | 77.57 |
| M318 | Extends patterns in simple shapes and numbers | 52.76 |
| M319 | Records data using tally marks, represents pictorially and draws conclusions | 69.63 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 93 | 10.86 | 192 | 22.43 | 319 | 37.27 | 252 | 29.44 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (29.56)

2 - Fills a given region leaving no gaps using a tile of a given shape (39.56)

3 - Extends patterns in simple shapes and numbers (52.76)

4 - Reads and writes numbers up to 999 using place value (53.44)

5 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (55.78)

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

*2*