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

| District Report Card: 2017 | |
|---|---|
| **State:** Gujarat | **District:** Banas Kantha |
| **Class:** 3 | **Subject:** Mathematics |
| **Schools:** 61 | **Students:** 1370 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 726 | 52.99 | 644 | 47.01 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1254 | 91.53 | 116 | 8.47 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 150 | 10.95 | 183 | 13.36 | 908 | 66.28 | 129 | 9.42 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 1 | 5 | 1 | 1 | 5 | 0 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1340 | 97.81 | 30 | 2.19 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Overall** | **Gender** | | **Area** | | **Management** | | **Social Group** | | | |
| | **Male** | **Female** | **Rural** | **Urban** | **Govt.** | **Aided** | **SC** | **ST** | **OBC** | **GEN** |
| 67.96 | 67.26 | 68.75 | 67.42 | 73.79 | 68.05 | 64.00 | 68.09 | 66.23 | 68.19 | 68.63 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M301 | Reads and writes numbers up to 999 using place value | 61.79 |
| M302 | Compares numbers up to 999 based on their place values | 80.80 |
| M303 | Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping | 60.58 |
| M304 | Constructs and uses the multiplication facts (up till 10) in daily life situations | 65.07 |
| M305 | Analyses and applies an appropriate number operation in the situation/ context | 67.59 |
| M306 | Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction | 68.83 |
| M309 | Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc. | 82.76 |
| M311 | Fills a given region leaving no gaps using a tile of a given shape | 53.57 |
| M312 | Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships | 46.12 |
| M317 | Reads the time correctly to the hour using a clock/watch | 74.09 |
| M318 | Extends patterns in simple shapes and numbers | 63.19 |
| M319 | Records data using tally marks, represents pictorially and draws conclusions | 84.38 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 81 | 5.91 | 206 | 15.04 | 542 | 39.56 | 541 | 39.49 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (46.12)

2 - Fills a given region leaving no gaps using a tile of a given shape (53.57)

3 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (60.58)

4 - Reads and writes numbers up to 999 using place value (61.79)

5 - Extends patterns in simple shapes and numbers (63.19)

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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.