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

| District Report Card: 2017 | |
|---|---|
| **State:** Kerala | **District:** Kozhikode |
| **Class:** 3 | **Subject:** Mathematics |
| **Schools:** 61 | **Students:** 1302 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 665 | 51.08 | 637 | 48.92 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 948 | 72.81 | 354 | 27.19 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 64 | 4.92 | 4 | 0.31 | 1127 | 86.56 | 107 | 8.22 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 8 | 10 | 1 | 2 | 12 | 5 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 265 | 20.35 | 1037 | 79.65 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 72.16 | 71.61 | 72.74 | 71.29 | 74.50 | 70.26 | 72.65 | 62.08 | 68.33 | 72.44 | 75.39 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M301 | Reads and writes numbers up to 999 using place value | 77.89 |
| M302 | Compares numbers up to 999 based on their place values | 81.34 |
| M303 | Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping | 67.05 |
| M304 | Constructs and uses the multiplication facts (up till 10) in daily life situations | 68.55 |
| M305 | Analyses and applies an appropriate number operation in the situation/ context | 75.27 |
| M306 | Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction | 70.12 |
| M309 | Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc. | 91.00 |
| M311 | Fills a given region leaving no gaps using a tile of a given shape | 62.25 |
| M312 | Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships | 36.45 |
| M317 | Reads the time correctly to the hour using a clock/watch | 80.88 |
| M318 | Extends patterns in simple shapes and numbers | 69.90 |
| M319 | Records data using tally marks, represents pictorially and draws conclusions | 66.59 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 40 | 3.07 | 179 | 13.75 | 452 | 34.72 | 631 | 48.46 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (36.45)

2 - Fills a given region leaving no gaps using a tile of a given shape (62.25)

3 - Records data using tally marks, represents pictorially and draws conclusions (66.59)

4 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (67.05)

5 - Constructs and uses the multiplication facts (up till 10) in daily life situations (68.55)

---

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