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

| District Report Card: 2017 | |
|---|---|
| **State:** Kerala | **District:** Thrissur |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 45 | **Students:** 941 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 456 | 48.46 | 485 | 51.54 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 770 | 81.83 | 171 | 18.17 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 166 | 17.64 | 8 | 0.85 | 542 | 57.60 | 225 | 23.91 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 1 | 4 | 4 | 0 | 5 | 3 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 115 | 12.22 | 826 | 87.78 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 65.59 | 65.67 | 65.51 | 65.49 | 66.04 | 55.36 | 67.01 | 62.01 | 56.67 | 67.31 | 64.41 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 69.82 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 75.53 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 80.86 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 77.47 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 75.98 |
| 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 | 54.99 |
| M505 | Finds the number corresponding to part of a collection | 70.75 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 54.20 |
| M508 | Converts fractions into decimals and vice versa | 62.55 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 56.52 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 73.67 |
| M513 | Estimates the volume of a solid body in known units. | 45.53 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 53.49 |
| M515 | Identifies the pattern in triangular numbers and square number | 59.94 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 88.75 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 35 | 3.72 | 214 | 22.74 | 372 | 39.53 | 320 | 34.01 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (45.53)

2 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (53.49)

3 - Identifies and forms equivalent fractions of a given fraction (54.20)

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 (54.99)

5 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (56.52)

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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.