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

| District Report Card: 2017 | |
|---|---|
| **State:** Haryana | **District:** Ambala |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 60 | **Students:** 1031 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 514 | 49.85 | 517 | 50.15 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 750 | 72.74 | 281 | 27.26 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 495 | 48.01 | 7 | 0.68 | 305 | 29.58 | 224 | 21.73 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 25 | 0 | 1 | 0 | 4 | 9 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 879 | 85.26 | 152 | 14.74 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 42.19 | 41.02 | 43.34 | 42.08 | 42.47 | 42.81 | 38.55 | 43.34 | 45.71 | 41.42 | 40.57 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 22.79 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 50.61 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 60.03 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 46.85 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 54.22 |
| 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 | 40.67 |
| M505 | Finds the number corresponding to part of a collection | 51.34 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 34.43 |
| M508 | Converts fractions into decimals and vice versa | 43.27 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 39.63 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 33.09 |
| M513 | Estimates the volume of a solid body in known units. | 26.12 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 32.21 |
| M515 | Identifies the pattern in triangular numbers and square number | 39.77 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 61.00 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 314 | 30.46 | 370 | 35.89 | 275 | 26.67 | 72 | 6.98 |

## Lowest Performing Learning Outcomes (LOs)

1 - Applies operations of numbers in daily life situations (22.79)

2 - Estimates the volume of a solid body in known units. (26.12)

3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (32.21)

4 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (33.09)

5 - Identifies and forms equivalent fractions of a given fraction (34.43)

---

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