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

| District Report Card: 2017 | |
|---|---|
| **State:** Haryana | **District:** Jind |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 60 | **Students:** 1161 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 578 | 49.78 | 583 | 50.22 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1009 | 86.91 | 152 | 13.09 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 552 | 47.55 | 2 | 0.17 | 374 | 32.21 | 233 | 20.07 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 5 | 7 | 1 | 3 | 6 | 1 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1088 | 93.71 | 73 | 6.29 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 39.31 | 36.98 | 41.61 | 40.83 | 29.17 | 40.13 | 26.94 | 39.46 | 20.00 | 38.59 | 40.26 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 21.88 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 43.05 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 51.02 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 45.13 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 47.11 |
| 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 | 34.22 |
| M505 | Finds the number corresponding to part of a collection | 46.90 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 30.58 |
| M508 | Converts fractions into decimals and vice versa | 39.53 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 43.88 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 36.88 |
| M513 | Estimates the volume of a solid body in known units. | 24.29 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 33.09 |
| M515 | Identifies the pattern in triangular numbers and square number | 29.72 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 62.41 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 458 | 39.45 | 272 | 23.43 | 321 | 27.65 | 110 | 9.47 |

## Lowest Performing Learning Outcomes (LOs)

1 - Applies operations of numbers in daily life situations (21.88)

2 - Estimates the volume of a solid body in known units. (24.29)

3 - Identifies the pattern in triangular numbers and square number (29.72)

4 - Identifies and forms equivalent fractions of a given fraction (30.58)

5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (33.09)

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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.