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

| District Report Card: 2017 | |
|---|---|
| **State:** Jharkhand | **District:** Sahibganj |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 60 | **Students:** 1198 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 597 | 49.83 | 601 | 50.17 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1083 | 90.40 | 115 | 9.60 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 109 | 9.10 | 140 | 11.69 | 946 | 78.96 | 3 | 0.25 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 3 | 1 | 0 | 2 | 6 | 21 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1121 | 93.57 | 77 | 6.43 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 48.54 | 46.95 | 50.12 | 48.76 | 46.43 | 48.43 | 50.04 | 40.80 | 44.38 | 50.09 | 33.33 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 39.65 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 53.82 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 67.60 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 45.41 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 60.43 |
| 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 | 48.93 |
| M505 | Finds the number corresponding to part of a collection | 45.88 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 38.73 |
| M508 | Converts fractions into decimals and vice versa | 49.92 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 47.70 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 61.25 |
| M513 | Estimates the volume of a solid body in known units. | 39.90 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 44.22 |
| M515 | Identifies the pattern in triangular numbers and square number | 43.32 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 42.69 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 300 | 25.04 | 314 | 26.21 | 414 | 34.56 | 170 | 14.19 |

## Lowest Performing Learning Outcomes (LOs)

1 - Identifies and forms equivalent fractions of a given fraction (38.73)

2 - Applies operations of numbers in daily life situations (39.65)

3 - Estimates the volume of a solid body in known units. (39.90)

4 - Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it (42.69)

5 - Identifies the pattern in triangular numbers and square number (43.32)

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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.