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

| District Report Card: 2017 | |
|---|---|
| **State:** Jammu And Kashmir | **District:** Ramban |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 61 | **Students:** 631 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 301 | 47.70 | 330 | 52.30 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 622 | 98.57 | 9 | 1.43 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 49 | 7.77 | 94 | 14.90 | 34 | 5.39 | 454 | 71.95 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 1 | 2 | 0 | 7 | 1 | 2 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 631 | 100.00 | 0 | 0.00 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 58.52 | 56.88 | 60.02 | 58.46 | 62.96 | 58.52 | 0.00 | 50.88 | 64.40 | 57.25 | 58.22 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 69.10 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 65.63 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 72.87 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 62.92 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 66.24 |
| 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 | 44.05 |
| M505 | Finds the number corresponding to part of a collection | 52.02 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 47.86 |
| M508 | Converts fractions into decimals and vice versa | 62.81 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 52.76 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 62.06 |
| M513 | Estimates the volume of a solid body in known units. | 47.19 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 58.41 |
| M515 | Identifies the pattern in triangular numbers and square number | 47.23 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 61.74 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 81 | 12.84 | 159 | 25.20 | 229 | 36.29 | 162 | 25.67 |

## Lowest Performing Learning Outcomes (LOs)

1 - 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 (44.05)

2 - Estimates the volume of a solid body in known units. (47.19)

3 - Identifies the pattern in triangular numbers and square number (47.23)

4 - Identifies and forms equivalent fractions of a given fraction (47.86)

5 - Finds the number corresponding to part of a collection (52.02)

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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.