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

| District Report Card: 2017 | |
|---|---|
| **State:** West Bengal | **District:** Bankura |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 61 | **Students:** 1255 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 709 | 56.49 | 546 | 43.51 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1160 | 92.43 | 95 | 7.57 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 516 | 41.12 | 146 | 11.63 | 296 | 23.59 | 297 | 23.67 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 0 | 1 | 0 | 3 | 2 | 5 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 362 | 28.84 | 893 | 71.16 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 53.83 | 55.92 | 51.12 | 53.94 | 52.56 | 52.45 | 54.39 | 50.16 | 52.56 | 54.62 | 60.07 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 66.14 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 51.62 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 67.14 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 62.15 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 54.90 |
| 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 | 52.80 |
| M505 | Finds the number corresponding to part of a collection | 54.86 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 46.69 |
| M508 | Converts fractions into decimals and vice versa | 55.95 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 51.42 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 53.62 |
| M513 | Estimates the volume of a solid body in known units. | 41.11 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 46.63 |
| M515 | Identifies the pattern in triangular numbers and square number | 46.29 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 54.28 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 290 | 23.11 | 272 | 21.67 | 398 | 31.71 | 295 | 23.51 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (41.11)

2 - Identifies the pattern in triangular numbers and square number (46.29)

3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (46.63)

4 - Identifies and forms equivalent fractions of a given fraction (46.69)

5 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (51.42)

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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.