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

| District Report Card: 2017 | |
|---|---|
| **State:** Rajasthan | **District:** Pali |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 60 | **Students:** 908 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 391 | 43.06 | 517 | 56.94 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 837 | 92.18 | 71 | 7.82 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 255 | 28.08 | 86 | 9.47 | 533 | 58.70 | 34 | 3.74 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 2 | 2 | 0 | 1 | 1 | 4 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 908 | 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 |
| 60.42 | 58.81 | 61.64 | 60.50 | 59.44 | 60.42 | 0.00 | 59.35 | 62.56 | 60.75 | 57.84 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 58.70 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 64.48 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 79.11 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 57.16 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 76.32 |
| 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 | 51.72 |
| M505 | Finds the number corresponding to part of a collection | 56.62 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 40.09 |
| M508 | Converts fractions into decimals and vice versa | 63.57 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 63.90 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 65.02 |
| M513 | Estimates the volume of a solid body in known units. | 46.83 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 53.37 |
| M515 | Identifies the pattern in triangular numbers and square number | 56.72 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 77.04 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 71 | 7.82 | 200 | 22.03 | 427 | 47.03 | 210 | 23.13 |

## Lowest Performing Learning Outcomes (LOs)

1 - Identifies and forms equivalent fractions of a given fraction (40.09)

2 - Estimates the volume of a solid body in known units. (46.83)

3 - 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 (51.72)

4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (53.37)

5 - Finds the number corresponding to part of a collection (56.62)

---

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