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

| District Report Card: 2017 | |
|---|---|
| **State:** Rajasthan | **District:** Churu |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 61 | **Students:** 1050 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 493 | 46.95 | 557 | 53.05 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 886 | 84.38 | 164 | 15.62 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 516 | 49.14 | 4 | 0.38 | 425 | 40.48 | 105 | 10.00 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 0 | 2 | 1 | 1 | 1 | 22 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1050 | 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 |
| 73.46 | 73.12 | 73.76 | 71.96 | 81.59 | 73.46 | 0.00 | 74.30 | 73.33 | 72.77 | 72.13 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 66.67 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 80.19 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 85.94 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 58.95 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 79.62 |
| 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 | 73.64 |
| M505 | Finds the number corresponding to part of a collection | 75.21 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 63.24 |
| M508 | Converts fractions into decimals and vice versa | 72.43 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 77.67 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 79.25 |
| M513 | Estimates the volume of a solid body in known units. | 61.94 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 73.12 |
| M515 | Identifies the pattern in triangular numbers and square number | 68.48 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 80.19 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 35 | 3.33 | 100 | 9.52 | 394 | 37.52 | 521 | 49.62 |

## Lowest Performing Learning Outcomes (LOs)

1 - Represent the collected information in tables and bar graphs and draws inferences from these (58.95)

2 - Estimates the volume of a solid body in known units. (61.94)

3 - Identifies and forms equivalent fractions of a given fraction (63.24)

4 - Applies operations of numbers in daily life situations (66.67)

5 - Identifies the pattern in triangular numbers and square number (68.48)

---

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