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

| District Report Card: 2017 | |
|---|---|
| **State:** Dadra & Nagar Haveli | **District:** Dadra And Nagar Haveli |
| **Class:** 5 | **Subject:** Mathematics |
| **Schools:** 244 | **Students:** 3492 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1770 | 50.69 | 1722 | 49.31 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 3281 | 93.96 | 211 | 6.04 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 36 | 1.03 | 3167 | 90.69 | 15 | 0.43 | 274 | 7.85 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 3 | 1 | 3 | 1 | 4 | 18 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 3367 | 96.42 | 125 | 3.58 |

| Average Performance of Students in Mathematics (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 58.68 | 57.21 | 60.19 | 58.50 | 61.48 | 58.38 | 66.67 | 64.81 | 58.07 | 64.89 | 64.50 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M401 | Applies operations of numbers in daily life situations | 58.22 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 56.08 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 77.41 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 65.32 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 67.04 |
| 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 | 60.58 |
| M505 | Finds the number corresponding to part of a collection | 59.03 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 39.60 |
| M508 | Converts fractions into decimals and vice versa | 57.91 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 58.74 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 64.70 |
| M513 | Estimates the volume of a solid body in known units. | 42.32 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 55.64 |
| M515 | Identifies the pattern in triangular numbers and square number | 48.40 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 57.84 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 385 | 11.03 | 822 | 23.54 | 1494 | 42.78 | 791 | 22.65 |

## Lowest Performing Learning Outcomes (LOs)

1 - Identifies and forms equivalent fractions of a given fraction (39.60)

2 - Estimates the volume of a solid body in known units. (42.32)

3 - Identifies the pattern in triangular numbers and square number (48.40)

4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (55.64)

5 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (56.08)

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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.