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

| District Report Card: 2017 | |
|---|---|
| **State:** Himachal Pradesh | **District:** Bilaspur (h.p.) |
| **Class:** 3 | **Subject:** Mathematics |
| **Schools:** 61 | **Students:** 517 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 267 | 51.64 | 250 | 48.36 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 486 | 94.00 | 31 | 6.00 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 196 | 37.91 | 33 | 6.38 | 35 | 6.77 | 253 | 48.94 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 4 | 4 | 0 | 3 | 3 | 5 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 517 | 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 |
| 66.25 | 66.67 | 65.81 | 65.88 | 72.04 | 66.25 | 0.00 | 61.94 | 61.01 | 70.29 | 69.72 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| M301 | Reads and writes numbers up to 999 using place value | 58.39 |
| M302 | Compares numbers up to 999 based on their place values | 82.98 |
| M303 | Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping | 62.00 |
| M304 | Constructs and uses the multiplication facts (up till 10) in daily life situations | 65.96 |
| M305 | Analyses and applies an appropriate number operation in the situation/ context | 62.86 |
| M306 | Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction | 65.38 |
| M309 | Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc. | 80.00 |
| M311 | Fills a given region leaving no gaps using a tile of a given shape | 56.93 |
| M312 | Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships | 37.45 |
| M317 | Reads the time correctly to the hour using a clock/watch | 78.34 |
| M318 | Extends patterns in simple shapes and numbers | 55.83 |
| M319 | Records data using tally marks, represents pictorially and draws conclusions | 79.88 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 29 | 5.61 | 109 | 21.08 | 192 | 37.14 | 187 | 36.17 |

## Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (37.45)

2 - Extends patterns in simple shapes and numbers (55.83)

3 - Fills a given region leaving no gaps using a tile of a given shape (56.93)

4 - Reads and writes numbers up to 999 using place value (58.39)

5 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (62.00)

---

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