

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



| District Report Card: 2017 |                      |  |  |  |  |  |
|----------------------------|----------------------|--|--|--|--|--|
| State: Uttar Pradesh       | District: Etah       |  |  |  |  |  |
| Class: 3                   | Subject: Mathematics |  |  |  |  |  |
| Schools: 59                | Students: 853        |  |  |  |  |  |

# **Participation/Coverage**

#### Students

| Students           |            |            |    |        |    |                  |        |         |     |      |       |   |
|--------------------|------------|------------|----|--------|----|------------------|--------|---------|-----|------|-------|---|
| GENDER             | Boys       |            |    |        |    | Girls            |        |         |     |      |       |   |
|                    | Number     |            |    | %      |    |                  | Number |         |     |      | %     |   |
| N N                | 373        |            |    | 43.73  |    |                  | 480    |         |     |      | 56.27 |   |
| AREA               | Rural      |            |    |        |    | Urban            |        |         |     |      |       |   |
|                    | Number     |            |    |        |    | %                | Number |         |     |      | %     |   |
|                    | 815        |            |    |        | 95 | .55              |        | 38      |     |      | 4.45  |   |
| CATEGORY           | SC         |            | ST |        | OE | OBC              |        |         | GEN |      |       |   |
| 100000 00000 00000 | Number     |            | %  | Number |    | %                | Number |         | %   | Numb | er    | % |
|                    | 853        | 853 100.00 |    | 0 0.00 |    | 0                | (      | 0.00    | 0   |      | 0.00  |   |
| CWSN<br>& 60 9     | LD \       |            | VI |        |    | ні               | S&LD   | S&LD ID |     | )    | Oth   |   |
| Ω» <b>₫ †</b>      | 0          |            | 0  |        | 0  |                  | 0      |         | 0   |      | 0     |   |
| Management         | Government |            |    |        |    | Government-aided |        |         |     |      |       |   |

| Management | Govern | ment  | Government-aided |      |  |  |
|------------|--------|-------|------------------|------|--|--|
| SCHOOL     | Number | %     | %                |      |  |  |
| <u> </u>   | 839    | 98.36 | 14               | 1.64 |  |  |

| Average Performance of Students in Mathematics (%) |       |        |       |       |        |              |       |      |      |      |
|--|-------|--------|-------|-------|--------|--------------|-------|------|------|------|
| Gender<br>Overall                                  |       | Area   |       | Manag | jement | Social Group |       |      |      |      |
| • Torum  | Male  | Female | Rural | Urban | Govt.  | Aided        | sc    | ST   | ОВС  | GEN  |
| 56.96  | 61.29 | 53.60  | 57.65 | 42.11 | 57.43  | 28.57        | 56.96 | 0.00 | 0.00 | 0.00 |

## **Performance on Learning Outcomes (LOs)**

| Learning<br>Outcomes | Description   | Average<br>Performance(%) |
|----------------------|---|---------------------------|
| M301                 | Reads and writes numbers up to 999 using place value  | 47.95                     |
| M302                 | Compares numbers up to 999 based on their place values  | 71.51                     |
| M303                 | Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping   | 50.86                     |
| M304                 | Constructs and uses the multiplication facts (up till 10) in daily life situations                                    | 62.37                     |
| M305                 | Analyses and applies an appropriate number operation in the situation/ context  | 50.88                     |
| M306                 | Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction                 | 53.69                     |
| M309                 | Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.             | 69.00                     |
| M311                 | Fills a given region leaving no gaps using a tile of a given shape  | 39.49                     |
| M312                 | Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships | 28.94                     |
| M317                 | Reads the time correctly to the hour using a clock/watch  | 71.86                     |
| M318                 | Extends patterns in simple shapes and numbers   | 53.74                     |
| M319                 | Records data using tally marks, represents pictorially and draws conclusions  | 60.61                     |

| Range of Performance of Students who Answered Correctly |       |        |       |        |       |           |       |  |  |  |
|---|-------|--------|-------|--------|-------|-----------|-------|--|--|--|
| Below 30%   |       | 30% -  | 50%   | 50% -  | 75%   | Above 75% |       |  |  |  |
| Number  | %     | Number | %     | Number | %     | Number    | %     |  |  |  |
| 148   | 17.35 | 205    | 24.03 | 263    | 30.83 | 237       | 27.78 |  |  |  |

### **Lowest Performing Learning Outcomes (LOs)**

- 1 Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (28.94)
- 2 Fills a given region leaving no gaps using a tile of a given shape (39.49)
- 3 Reads and writes numbers up to 999 using place value (47.95)
- 4 Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (50.86)
- 5 Analyses and applies an appropriate number operation in the situation/ context (50.88)