

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



| District Report Card: 2017             |                      |  |  |  |
|--|----------------------|--|--|--|
| State: Tamil Nadu District: Dharmapuri |                      |  |  |  |
| Class: 3                               | Subject: Mathematics |  |  |  |
| Schools: 61                            | Students: 796        |  |  |  |

## Participation/Coverage

#### Students

| GENDER | Воу    | S     | Girls  |       |  |
|--------|--------|-------|--------|-------|--|
|        | Number | %     | Number | %     |  |
| n n    | 366    | 45.98 | 430    | 54.02 |  |
| AREA   | Rur    | al    | Urba   | n     |  |
|        | Number | %     | Number | %     |  |

|          | Number % |       | Number | %    |
|----------|----------|-------|--------|------|
|          | 782      | 98.24 | 14     | 1.76 |
| CATEGORY | SC       | ST    | OBC    | GEN  |

| CATEGORY | SC     |       | ST     |      | OBC    |       | GEN    |      |
|----------|--------|-------|--------|------|--------|-------|--------|------|
|          | Number | %     | Number | %    | Number | %     | Number | %    |
|          | 209    | 26.26 | 42     | 5.28 | 539    | 67.71 | 6      | 0.75 |
|          |        |       |        |      |        |       |        |      |

| cwsn<br>& 60 9 | LD | VI | НІ | S&LD | ID | Oth |
|----------------|----|----|----|------|----|-----|
| <b>₽» ₫ †</b>  | 0  | 0  | 0  | 1    | 0  | 14  |

| Management | Govern | ment  | Government-aided |      |  |
|------------|--------|-------|------------------|------|--|
| SCHOOL     | Number | %     | Number           | %    |  |
|            | 744    | 93.47 | 52               | 6.53 |  |

|         | Average Performance of Students in Mathematics (%) |        |       |       |       |        |       |       |         |       |
|---------|--|--------|-------|-------|-------|--------|-------|-------|---------|-------|
| Overall | Gender   |        | Ar    | ea    | Manag | jement |       | Socia | l Group |       |
| Overan  | Male   | Female | Rural | Urban | Govt. | Aided  | sc    | ST    | ОВС     | GEN   |
| 72.79   | 72.77  | 72.81  | 72.94 | 64.29 | 72.25 | 80.51  | 68.42 | 74.44 | 74.47   | 62.22 |

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

| Learning<br>Outcomes | Description  | Average<br>Performance(%) |
|----------------------|--|---------------------------|
| M301                 | Reads and writes numbers up to 999 using place value   | 73.72                     |
| M302                 | Compares numbers up to 999 based on their place values   | 83.54                     |
| M303                 | Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping        | 67.92                     |
| M304                 | Constructs and uses the multiplication facts (up till 10) in daily life situations   | 74.31                     |
| M305                 | M305 Analyses and applies an appropriate number operation in the situation/ context  |                           |
| M306                 | Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction                      | 73.62                     |
| M309                 | M309 Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.             |                           |
| M311                 | Fills a given region leaving no gaps using a tile of a given shape   | 57.95                     |
| M312                 | M312 Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships |                           |
| M317                 | Reads the time correctly to the hour using a clock/watch   | 80.40                     |
| M318                 | Extends patterns in simple shapes and numbers  | 66.56                     |
| M319                 | Records data using tally marks, represents pictorially and draws conclusions   | 89.70                     |

|                           | Range of Performance of Students who Answered Correctly |        |      |        |       |        |       |  |  |  |
|---------------------------|---|--------|------|--------|-------|--------|-------|--|--|--|
| Below 30% 30% - 50% 50% - |   |        |      |        | 75%   | Above  | 75%   |  |  |  |
| Number                    | %   | Number | %    | Number | %     | Number | %     |  |  |  |
| 25                        | 3.14  | 76     | 9.55 | 297    | 37.31 | 398    | 50.00 |  |  |  |

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

- 1 Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (39.28)
- 2 Analyses and applies an appropriate number operation in the situation/ context (54.65)
- 3 Fills a given region leaving no gaps using a tile of a given shape (57.95)
- 4 Extends patterns in simple shapes and numbers (66.56)

**CSWN**:

5 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (67.92)