



### District Report Card: 2017


|                     |                             |
|---------------------|-----------------------------|
| <b>State:</b> Bihar | <b>District:</b> Banka      |
| <b>Class:</b> 5     | <b>Subject:</b> Mathematics |
| <b>Schools:</b> 56  | <b>Students:</b> 1074       |


### Participation/Coverage


#### Students

|                                                                                                                |        |       |        |       |
|----------------------------------------------------------------------------------------------------------------|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys   |       | Girls  |       |
|                                                                                                                | Number | %     | Number | %     |
|                                                                                                                | 512    | 47.67 | 562    | 52.33 |

|                                                                                                               |        |       |        |      |
|---------------------------------------------------------------------------------------------------------------|--------|-------|--------|------|
| <div>AREA</div> <div></div> | Rural  |       | Urban  |      |
|                                                                                                               | Number | %     | Number | %    |
|                                                                                                               | 1052   | 97.95 | 22     | 2.05 |

|                                                                                                                    |        |       |        |      |        |       |        |      |
|--------------------------------------------------------------------------------------------------------------------|--------|-------|--------|------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC     |       | ST     |      | OBC    |       | GEN    |      |
|                                                                                                                    | Number | %     | Number | %    | Number | %     | Number | %    |
|                                                                                                                    | 128    | 11.92 | 41     | 3.82 | 845    | 78.68 | 60     | 5.59 |

|                                                                                                                |    |    |    |      |    |     |
|----------------------------------------------------------------------------------------------------------------|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
|                                                                                                                | 3  | 2  | 1  | 3    | 2  | 1   |

|                                                                                                                      |            |        |                  |      |
|----------------------------------------------------------------------------------------------------------------------|------------|--------|------------------|------|
| <div>Management</div> <div></div> | Government |        | Government-aided |      |
|                                                                                                                      | Number     | %      | Number           | %    |
|                                                                                                                      | 1074       | 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   |
| 49.21   | 49.17  | 49.25  | 49.15 | 52.12 | 49.21      | 0.00  | 44.22        | 39.19 | 50.83 | 43.89 |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description                                                                                                                                                                              | Average Performance(%) |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| M401              | Applies operations of numbers in daily life situations                                                                                                                                   | 39.39                  |
| M412              | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit                                                             | 53.86                  |
| M418              | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction                                                          | 68.11                  |
| M421              | Represent the collected information in tables and bar graphs and draws inferences from these                                                                                             | 53.35                  |
| M501              | Reads and writes numbers bigger than 1000 being used in her/his surroundings                                                                                                             | 64.99                  |
| 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 | 50.75                  |
| M505              | Finds the number corresponding to part of a collection                                                                                                                                   | 45.14                  |
| M506              | Identifies and forms equivalent fractions of a given fraction                                                                                                                            | 39.76                  |
| M508              | Converts fractions into decimals and vice versa                                                                                                                                          | 46.69                  |
| M509              | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing                                                                             | 46.13                  |
| M512              | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa                                          | 60.57                  |
| M513              | Estimates the volume of a solid body in known units.                                                                                                                                     | 36.95                  |
| M514              | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals                                                        | 44.35                  |
| M515              | Identifies the pattern in triangular numbers and square number                                                                                                                           | 42.55                  |
| M516              | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it                                                                | 47.55                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |       |
|---------------------------------------------------------|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%                                               |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number                                                  | %     | Number    | %     | Number    | %     | Number    | %     |
| 218                                                     | 20.30 | 325       | 30.26 | 416       | 38.73 | 115       | 10.71 |

## Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (36.95)
- 2 - Applies operations of numbers in daily life situations (39.39)
- 3 - Identifies and forms equivalent fractions of a given fraction (39.76)
- 4 - Identifies the pattern in triangular numbers and square number (42.55)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (44.35)