



### District Report Card: 2017


|                              |                         |
|------------------------------|-------------------------|
| <b>State:</b> Madhya Pradesh | <b>District:</b> Rewa   |
| <b>Class:</b> 8              | <b>Subject:</b> Science |
| <b>Schools:</b> 51           | <b>Students:</b> 1317   |


### Participation/Coverage


#### Students

|  |        |       |        |       |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys   |       | Girls  |       |
|  | Number | %     | Number | %     |
|  | 637    | 48.37 | 680    | 51.63 |

|   |        |       |        |       |
|---|--------|-------|--------|-------|
| <div>AREA</div> <div></div> | Rural  |       | Urban  |       |
|   | Number | %     | Number | %     |
|   | 1127   | 85.57 | 190    | 14.43 |

|  |        |       |        |       |        |       |        |       |
|--|--------|-------|--------|-------|--------|-------|--------|-------|
| <div>CATEGORY</div> <div></div> | SC     |       | ST     |       | OBC    |       | GEN    |       |
|  | Number | %     | Number | %     | Number | %     | Number | %     |
|  | 366    | 27.79 | 264    | 20.05 | 455    | 34.55 | 232    | 17.62 |

|  |    |    |    |      |    |     |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
|  | 3  | 3  | 12 | 4    | 4  | 38  |

|  |            |        |                  |      |
|--|------------|--------|------------------|------|
| <div>Management</div> <div></div> | Government |        | Government-aided |      |
|  | Number     | %      | Number           | %    |
|  | 1317       | 100.00 | 0                | 0.00 |

### Average Performance of Students in Science (%)

| Overall | Gender |        | Area  |       | Management |       | Social Group |       |       |       |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
|         | Male   | Female | Rural | Urban | Govt.      | Aided | SC           | ST    | OBC   | GEN   |
| 41.02   | 39.53  | 42.41  | 40.79 | 42.39 | 41.02      | 0.00  | 38.45        | 35.76 | 45.58 | 42.10 |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703            | Classifies materials and organisms based on properties/characteristics   | 34.92                  |
| SCI704            | Conducts simple investigation to seek answers to queries   | 27.80                  |
| SCI705            | Relates processes and phenomenon with causes   | 36.51                  |
| SCI708            | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 54.67                  |
| SCI710            | Plots and interprets graphs  | 31.41                  |
| SCI711            | Constructs models using materials from surroundings and explains their working   | 37.18                  |
| SCI801            | Differentiates materials, organism and processes   | 47.70                  |
| SCI804            | Relates processes and phenomenon with causes   | 39.00                  |
| SCI805            | Explains processes and phenomenon  | 36.51                  |
| SCI807            | Measures angles of incidence and reflection, etc.  | 44.50                  |
| SCI811            | Applies learning of scientific concepts in day-to-day life   | 41.11                  |
| SCI813            | Makes efforts to protect environment   | 60.52                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |      |
|---|-------|-----------|-------|-----------|-------|-----------|------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |      |
| Number  | %     | Number    | %     | Number    | %     | Number    | %    |
| 475   | 36.07 | 298       | 22.63 | 428       | 32.50 | 116       | 8.81 |

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.80)
- 2 - Plots and interprets graphs (31.41)
- 3 - Classifies materials and organisms based on properties/characteristics (34.92)
- 4 - Relates processes and phenomenon with causes (36.51)
- 5 - Explains processes and phenomenon (36.51)