



### District Report Card: 2017


|                            |                            |
|----------------------------|----------------------------|
| <b>State:</b> Chhattisgarh | <b>District:</b> Dantewada |
| <b>Class:</b> 8            | <b>Subject:</b> Science    |
| <b>Schools:</b> 48         | <b>Students:</b> 870       |


### Participation/Coverage


#### Students

|  |        |       |        |       |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys   |       | Girls  |       |
|  | Number | %     | Number | %     |
|  | 508    | 58.39 | 362    | 41.61 |

|   |        |       |        |       |
|---|--------|-------|--------|-------|
| <div>AREA</div> <div></div> | Rural  |       | Urban  |       |
|   | Number | %     | Number | %     |
|   | 609    | 70.00 | 261    | 30.00 |

|  |        |      |        |       |        |       |        |      |
|--|--------|------|--------|-------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC     |      | ST     |       | OBC    |       | GEN    |      |
|  | Number | %    | Number | %     | Number | %     | Number | %    |
|  | 37     | 4.25 | 575    | 66.09 | 229    | 26.32 | 29     | 3.33 |

|  |    |    |    |      |    |     |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
|  | 2  | 4  | 1  | 0    | 5  | 2   |

|  |            |        |                  |      |
|--|------------|--------|------------------|------|
| <div>Management</div> <div></div> | Government |        | Government-aided |      |
|  | Number     | %      | Number           | %    |
|  | 870        | 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   |
| 36.79   | 33.07  | 42.01  | 37.87 | 34.28 | 36.79      | 0.00  | 28.65        | 37.89 | 35.43 | 36.09 |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703            | Classifies materials and organisms based on properties/characteristics   | 39.53                  |
| SCI704            | Conducts simple investigation to seek answers to queries   | 29.64                  |
| SCI705            | Relates processes and phenomenon with causes   | 35.02                  |
| SCI708            | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 32.76                  |
| SCI710            | Plots and interprets graphs  | 34.06                  |
| SCI711            | Constructs models using materials from surroundings and explains their working   | 28.60                  |
| SCI801            | Differentiates materials, organism and processes   | 39.08                  |
| SCI804            | Relates processes and phenomenon with causes   | 43.01                  |
| SCI805            | Explains processes and phenomenon  | 33.93                  |
| SCI807            | Measures angles of incidence and reflection, etc.  | 37.36                  |
| SCI811            | Applies learning of scientific concepts in day-to-day life   | 34.81                  |
| SCI813            | Makes efforts to protect environment   | 55.98                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |      |
|---|-------|-----------|-------|-----------|-------|-----------|------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |      |
| Number  | %     | Number    | %     | Number    | %     | Number    | %    |
| 373   | 42.87 | 284       | 32.64 | 164       | 18.85 | 49        | 5.63 |

### Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (28.60)
- 2 - Conducts simple investigation to seek answers to queries (29.64)
- 3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (32.76)
- 4 - Explains processes and phenomenon (33.93)
- 5 - Plots and interprets graphs (34.06)