



District Report Card: 2017


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|----------------------------|---|
| State: Chhattisgarh | District: Raigarh (chhattisgarh) |
| Class: 8 | Subject: Science |
| Schools: 51 | Students: 1107 |


Participation/Coverage


Students

| GENDER  | Boys | | Girls | |
|--|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 579 | 52.30 | 528 | 47.70 |

| AREA  | Rural | | Urban | |
|---|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 981 | 88.62 | 126 | 11.38 |

| CATEGORY  | SC | | ST | | OBC | | GEN | |
|--|--------|-------|--------|-------|--------|-------|--------|------|
| | Number | % | Number | % | Number | % | Number | % |
| | 209 | 18.88 | 448 | 40.47 | 434 | 39.21 | 16 | 1.45 |

| CWSN  | LD | VI | HI | S&LD | ID | Oth |
|--|----|----|----|------|----|-----|
| | 2 | 1 | 1 | 1 | 0 | 26 |

| Management  | Government | | Government-aided | |
|--|------------|-------|------------------|------|
| | Number | % | Number | % |
| | 1053 | 95.12 | 54 | 4.88 |

Average Performance of Students in Science (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 39.31 | 38.86 | 39.81 | 39.38 | 38.78 | 39.40 | 37.53 | 42.23 | 36.55 | 40.84 | 37.08 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 36.40 |
| SCI704 | Conducts simple investigation to seek answers to queries | 32.13 |
| SCI705 | Relates processes and phenomenon with causes | 39.00 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 41.28 |
| SCI710 | Plots and interprets graphs | 40.36 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 32.43 |
| SCI801 | Differentiates materials, organism and processes | 42.13 |
| SCI804 | Relates processes and phenomenon with causes | 48.29 |
| SCI805 | Explains processes and phenomenon | 32.61 |
| SCI807 | Measures angles of incidence and reflection, etc. | 43.45 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 38.94 |
| SCI813 | Makes efforts to protect environment | 52.57 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 414 | 37.40 | 385 | 34.78 | 245 | 22.13 | 63 | 5.69 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (32.13)
- 2 - Constructs models using materials from surroundings and explains their working (32.43)
- 3 - Explains processes and phenomenon (32.61)
- 4 - Classifies materials and organisms based on properties/characteristics (36.40)
- 5 - Applies learning of scientific concepts in day-to-day life (38.94)