



District Report Card: 2017


| | |
|---------------------------|--------------------------|
| State: Uttarakhand | District: Garhwal |
| Class: 8 | Subject: Science |
| Schools: 51 | Students: 889 |


Participation/Coverage


Students

| | | | | |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys | | Girls | |
| | Number | % | Number | % |
| | 437 | 49.16 | 452 | 50.84 |

| | | | | |
|---|--------|-------|--------|------|
| <div>AREA</div> <div></div> | Rural | | Urban | |
| | Number | % | Number | % |
| | 820 | 92.24 | 69 | 7.76 |

| | | | | | | | | |
|--|--------|-------|--------|------|--------|------|--------|-------|
| <div>CATEGORY</div> <div></div> | SC | | ST | | OBC | | GEN | |
| | Number | % | Number | % | Number | % | Number | % |
| | 252 | 28.35 | 1 | 0.11 | 47 | 5.29 | 589 | 66.25 |

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

| | | | | |
|--|------------|-------|------------------|-------|
| <div>Management</div> <div></div> | Government | | Government-aided | |
| | Number | % | Number | % |
| | 673 | 75.70 | 216 | 24.30 |

Average Performance of Students in Science (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 53.93 | 53.20 | 54.63 | 52.78 | 67.54 | 52.83 | 57.35 | 51.30 | 46.67 | 55.32 | 54.95 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 49.93 |
| SCI704 | Conducts simple investigation to seek answers to queries | 31.06 |
| SCI705 | Relates processes and phenomenon with causes | 47.11 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 55.68 |
| SCI710 | Plots and interprets graphs | 43.82 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 37.08 |
| SCI801 | Differentiates materials, organism and processes | 67.23 |
| SCI804 | Relates processes and phenomenon with causes | 57.53 |
| SCI805 | Explains processes and phenomenon | 44.41 |
| SCI807 | Measures angles of incidence and reflection, etc. | 55.57 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 61.73 |
| SCI813 | Makes efforts to protect environment | 80.88 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 131 | 14.74 | 263 | 29.58 | 345 | 38.81 | 150 | 16.87 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (31.06)
- 2 - Constructs models using materials from surroundings and explains their working (37.08)
- 3 - Plots and interprets graphs (43.82)
- 4 - Explains processes and phenomenon (44.41)
- 5 - Relates processes and phenomenon with causes (47.11)