



District Report Card: 2017


| | |
|---------------------------------|-------------------------|
| State: Jammu And Kashmir | District: Jammu |
| Class: 8 | Subject: Science |
| Schools: 51 | Students: 784 |


Participation/Coverage


Students

| | | | | | | | | |
|--|--------|--|-------|--|--------|--|-------|--|
| <div>GENDER</div> <div></div> | Boys | | | | Girls | | | |
| | Number | | % | | Number | | % | |
| | 392 | | 50.00 | | 392 | | 50.00 | |

| | | | | | | | | |
|---|--------|--|-------|--|--------|--|-------|--|
| <div>AREA</div> <div></div> | Rural | | | | Urban | | | |
| | Number | | % | | Number | | % | |
| | 576 | | 73.47 | | 208 | | 26.53 | |

| | | | | | | | | |
|--|--------|-------|--------|-------|--------|------|--------|-------|
| <div>CATEGORY</div> <div></div> | SC | | ST | | OBC | | GEN | |
| | Number | % | Number | % | Number | % | Number | % |
| | 326 | 41.58 | 129 | 16.45 | 55 | 7.02 | 274 | 34.95 |

| | | | | | | |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
| | 2 | 0 | 0 | 15 | 2 | 20 |

| | | | | | | |
|--|------------|--|--------|------------------|--|------|
| <div>Management</div> <div></div> | Government | | | Government-aided | | |
| | Number | | % | Number | | % |
| | 784 | | 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 |
| 31.90 | 32.26 | 31.53 | 28.31 | 41.83 | 31.90 | 0.00 | 29.24 | 27.70 | 29.21 | 37.57 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 39.51 |
| SCI704 | Conducts simple investigation to seek answers to queries | 32.14 |
| SCI705 | Relates processes and phenomenon with causes | 28.80 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 29.85 |
| SCI710 | Plots and interprets graphs | 23.12 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 25.13 |
| SCI801 | Differentiates materials, organism and processes | 38.54 |
| SCI804 | Relates processes and phenomenon with causes | 39.20 |
| SCI805 | Explains processes and phenomenon | 28.97 |
| SCI807 | Measures angles of incidence and reflection, etc. | 32.14 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 27.19 |
| SCI813 | Makes efforts to protect environment | 33.29 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 423 | 53.95 | 236 | 30.10 | 99 | 12.63 | 26 | 3.32 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (23.12)
- 2 - Constructs models using materials from surroundings and explains their working (25.13)
- 3 - Applies learning of scientific concepts in day-to-day life (27.19)
- 4 - Relates processes and phenomenon with causes (28.80)
- 5 - Explains processes and phenomenon (28.97)