



District Report Card: 2017


| | |
|---------------------|---------------------------|
| State: Assam | District: Sibsagar |
| Class: 8 | Subject: Science |
| Schools: 51 | Students: 1175 |


Participation/Coverage


Students

| | | | | | | | | |
|--|--------|--|-------|--|--------|--|-------|--|
| <div>GENDER</div> <div></div> | Boys | | | | Girls | | | |
| | Number | | % | | Number | | % | |
| | 583 | | 49.62 | | 592 | | 50.38 | |

| | | | | | | | | |
|---|--------|--|-------|--|--------|--|-------|--|
| <div>AREA</div> <div></div> | Rural | | | | Urban | | | |
| | Number | | % | | Number | | % | |
| | 901 | | 76.68 | | 274 | | 23.32 | |

| | | | | | | | | |
|--|--------|------|--------|------|--------|-------|--------|-------|
| <div>CATEGORY</div> <div></div> | SC | | ST | | OBC | | GEN | |
| | Number | % | Number | % | Number | % | Number | % |
| | 84 | 7.15 | 92 | 7.83 | 841 | 71.57 | 158 | 13.45 |

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

| | | | | | | |
|--|------------|--|-------|------------------|--|------|
| <div>Management</div> <div></div> | Government | | | Government-aided | | |
| | Number | | % | Number | | % |
| | 1061 | | 90.30 | 114 | | 9.70 |

Average Performance of Students in Science (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 45.43 | 45.95 | 44.92 | 46.32 | 42.51 | 46.25 | 37.84 | 39.60 | 50.51 | 45.26 | 46.50 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 39.64 |
| SCI704 | Conducts simple investigation to seek answers to queries | 35.61 |
| SCI705 | Relates processes and phenomenon with causes | 43.30 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 38.30 |
| SCI710 | Plots and interprets graphs | 39.24 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 30.81 |
| SCI801 | Differentiates materials, organism and processes | 54.94 |
| SCI804 | Relates processes and phenomenon with causes | 49.40 |
| SCI805 | Explains processes and phenomenon | 38.67 |
| SCI807 | Measures angles of incidence and reflection, etc. | 49.62 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 49.37 |
| SCI813 | Makes efforts to protect environment | 64.68 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 293 | 24.94 | 448 | 38.13 | 320 | 27.23 | 114 | 9.70 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (30.81)
- 2 - Conducts simple investigation to seek answers to queries (35.61)
- 3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (38.30)
- 4 - Explains processes and phenomenon (38.67)
- 5 - Plots and interprets graphs (39.24)