



District Report Card: 2017


| | |
|---------------------|--------------------------|
| State: Assam | District: Dhemaji |
| Class: 8 | Subject: Science |
| Schools: 43 | Students: 908 |


Participation/Coverage


Students

| | | | | |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys | | Girls | |
| | Number | % | Number | % |
| | 454 | 50.00 | 454 | 50.00 |

| | | | | |
|---|--------|-------|--------|------|
| <div>AREA</div> <div></div> | Rural | | Urban | |
| | Number | % | Number | % |
| | 818 | 90.09 | 90 | 9.91 |

| | | | | | | | | |
|--|--------|-------|--------|-------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC | | ST | | OBC | | GEN | |
| | Number | % | Number | % | Number | % | Number | % |
| | 104 | 11.45 | 578 | 63.66 | 206 | 22.69 | 20 | 2.20 |

| | | | | | | |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
| | 22 | 2 | 16 | 0 | 1 | 0 |

| | | | | |
|--|------------|-------|------------------|-------|
| <div>Management</div> <div></div> | Government | | Government-aided | |
| | Number | % | Number | % |
| | 635 | 69.93 | 273 | 30.07 |

Average Performance of Students in Science (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 43.63 | 43.80 | 43.47 | 43.64 | 43.56 | 44.20 | 42.32 | 44.94 | 40.57 | 51.39 | 45.67 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 41.29 |
| SCI704 | Conducts simple investigation to seek answers to queries | 33.21 |
| SCI705 | Relates processes and phenomenon with causes | 35.69 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 46.59 |
| SCI710 | Plots and interprets graphs | 42.15 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 31.61 |
| SCI801 | Differentiates materials, organism and processes | 55.00 |
| SCI804 | Relates processes and phenomenon with causes | 41.48 |
| SCI805 | Explains processes and phenomenon | 34.16 |
| SCI807 | Measures angles of incidence and reflection, etc. | 51.87 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 43.46 |
| SCI813 | Makes efforts to protect environment | 63.55 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 262 | 28.85 | 329 | 36.23 | 243 | 26.76 | 74 | 8.15 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (31.61)
- 2 - Conducts simple investigation to seek answers to queries (33.21)
- 3 - Explains processes and phenomenon (34.16)
- 4 - Relates processes and phenomenon with causes (35.69)
- 5 - Classifies materials and organisms based on properties/characteristics (41.29)