



District Report Card: 2017


| | |
|-----------------------|----------------------------|
| State: Mizoram | District: Lawngtlai |
| Class: 8 | Subject: Science |
| Schools: 47 | Students: 590 |


Participation/Coverage


Students

| GENDER  | Boys | | Girls | |
|--|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 289 | 48.98 | 301 | 51.02 |

| AREA  | Rural | | Urban | |
|---|--------|-------|--------|------|
| | Number | % | Number | % |
| | 551 | 93.39 | 39 | 6.61 |

| CATEGORY  | SC | | ST | | OBC | | GEN | |
|--|--------|------|--------|-------|--------|------|--------|------|
| | Number | % | Number | % | Number | % | Number | % |
| | 3 | 0.51 | 587 | 99.49 | 0 | 0.00 | 0 | 0.00 |

| CWSN  | LD | VI | HI | S&LD | ID | Oth |
|--|----|----|----|------|----|-----|
| | 1 | 1 | 6 | 2 | 1 | 1 |

| Management  | Government | | Government-aided | |
|--|------------|--------|------------------|------|
| | Number | % | Number | % |
| | 590 | 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 |
| 28.34 | 28.33 | 28.35 | 28.19 | 30.43 | 28.34 | 0.00 | 22.22 | 28.37 | 0.00 | 0.00 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 35.69 |
| SCI704 | Conducts simple investigation to seek answers to queries | 29.45 |
| SCI705 | Relates processes and phenomenon with causes | 30.35 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 18.98 |
| SCI710 | Plots and interprets graphs | 21.60 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 29.62 |
| SCI801 | Differentiates materials, organism and processes | 36.51 |
| SCI804 | Relates processes and phenomenon with causes | 33.10 |
| SCI805 | Explains processes and phenomenon | 32.14 |
| SCI807 | Measures angles of incidence and reflection, etc. | 25.59 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 23.02 |
| SCI813 | Makes efforts to protect environment | 16.78 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|------|-----------|------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 352 | 59.66 | 206 | 34.92 | 32 | 5.42 | 0 | 0.00 |

Lowest Performing Learning Outcomes (LOs)

1 - Makes efforts to protect environment (16.78)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (18.98)

3 - Plots and interprets graphs (21.60)

4 - Applies learning of scientific concepts in day-to-day life (23.02)

5 - Measures angles of incidence and reflection, etc. (25.59)