NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
**NATIONAL ACHIEVEMENT SURVEY - NAS**
(Survey of Learning Outcomes)

| District Report Card: 2017 | |
|---|---|
| **State:** Meghalaya | **District:** South Garo Hills |
| **Class:** 8 | **Subject:** Science |
| **Schools:** 51 | **Students:** 607 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 300 | 49.42 | 307 | 50.58 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 544 | 89.62 | 63 | 10.38 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 0 | 0.00 | 607 | 100.00 | 0 | 0.00 | 0 | 0.00 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 0 | 18 | 0 | 0 | 0 | 0 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 310 | 51.07 | 297 | 48.93 |

| Average Performance of Students in Science (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Overall | Gender | | Area | | Management | | Social Group | | | |
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 29.56 | 29.47 | 29.64 | 29.53 | 29.74 | 29.78 | 29.32 | 0.00 | 29.56 | 0.00 | 0.00 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 37.51 |
| SCI704 | Conducts simple investigation to seek answers to queries | 32.79 |
| SCI705 | Relates processes and phenomenon with causes | 29.17 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 25.37 |
| SCI710 | Plots and interprets graphs | 28.15 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 25.83 |
| SCI801 | Differentiates materials, organism and processes | 35.84 |
| SCI804 | Relates processes and phenomenon with causes | 29.80 |
| SCI805 | Explains processes and phenomenon | 28.62 |
| SCI807 | Measures angles of incidence and reflection, etc. | 27.84 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 24.11 |
| SCI813 | Makes efforts to protect environment | 24.22 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 339 | 55.85 | 223 | 36.74 | 38 | 6.26 | 7 | 1.15 |

## Lowest Performing Learning Outcomes (LOs)

1 - Applies learning of scientific concepts in day-to-day life (24.11)

2 - Makes efforts to protect environment (24.22)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (25.37)

4 - Constructs models using materials from surroundings and explains their working (25.83)

5 - Measures angles of incidence and reflection, etc. (27.84)

**CSWN:**  **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

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