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

| District Report Card: 2017 | |
|---|---|
| **State:** Nagaland | **District:** Peren |
| **Class:** 8 | **Subject:** Science |
| **Schools:** 22 | **Students:** 359 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 158 | 44.01 | 201 | 55.99 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 320 | 89.14 | 39 | 10.86 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 1 | 0.28 | 337 | 93.87 | 12 | 3.34 | 9 | 2.51 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 3 | 2 | 1 | 10 | 0 | 0 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 359 | 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** |
| **32.78** | **31.43** | **33.83** | **33.13** | **29.91** | **32.78** | **0.00** | **20.00** | **32.68** | **31.11** | **40.00** |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 38.50 |
| SCI704 | Conducts simple investigation to seek answers to queries | 31.37 |
| SCI705 | Relates processes and phenomenon with causes | 30.44 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 18.94 |
| SCI710 | Plots and interprets graphs | 21.02 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 25.57 |
| SCI801 | Differentiates materials, organism and processes | 47.96 |
| SCI804 | Relates processes and phenomenon with causes | 47.73 |
| SCI805 | Explains processes and phenomenon | 27.68 |
| SCI807 | Measures angles of incidence and reflection, etc. | 23.12 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 30.73 |
| SCI813 | Makes efforts to protect environment | 38.16 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 169 | 47.08 | 139 | 38.72 | 48 | 13.37 | 3 | 0.84 |

## Lowest Performing Learning Outcomes (LOs)

1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (18.94)

2 - Plots and interprets graphs (21.02)

3 - Measures angles of incidence and reflection, etc. (23.12)

4 - Constructs models using materials from surroundings and explains their working (25.57)

5 - Explains processes and phenomenon (27.68)

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