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

| District Report Card: 2017 | |
|---|---|
| **State:** Jammu And Kashmir | **District:** Anantnag |
| **Class:** 8 | **Subject:** Science |
| **Schools:** 51 | **Students:** 519 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 246 | 47.40 | 273 | 52.60 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 506 | 97.50 | 13 | 2.50 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 4 | 0.77 | 94 | 18.11 | 100 | 19.27 | 321 | 61.85 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 1 | 0 | 0 | 4 | 0 | 0 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 519 | 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 |
| 36.87 | 35.56 | 38.05 | 37.08 | 28.72 | 36.87 | 0.00 | 33.33 | 41.13 | 39.27 | 34.91 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 29.40 |
| SCI704 | Conducts simple investigation to seek answers to queries | 18.22 |
| SCI705 | Relates processes and phenomenon with causes | 36.69 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 77.26 |
| SCI710 | Plots and interprets graphs | 15.81 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 75.49 |
| SCI801 | Differentiates materials, organism and processes | 23.32 |
| SCI804 | Relates processes and phenomenon with causes | 64.43 |
| SCI805 | Explains processes and phenomenon | 51.72 |
| SCI807 | Measures angles of incidence and reflection, etc. | 27.17 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 22.25 |
| SCI813 | Makes efforts to protect environment | 65.13 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 214 | 41.23 | 217 | 41.81 | 72 | 13.87 | 16 | 3.08 |

## Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (15.81)

2 - Conducts simple investigation to seek answers to queries (18.22)

3 - Applies learning of scientific concepts in day-to-day life (22.25)

4 - Differentiates materials, organism and processes (23.32)

5 - Measures angles of incidence and reflection, etc. (27.17)

**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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