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

| District Report Card: 2017 | |
|---|---|
| **State:** Andhra Pradesh | **District:** West Godavari |
| **Class:** 8 | **Subject:** Science |
| **Schools:** 51 | **Students:** 1252 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 639 | 51.04 | 613 | 48.96 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1090 | 87.06 | 162 | 12.94 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 388 | 30.99 | 53 | 4.23 | 557 | 44.49 | 254 | 20.29 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 2 | 0 | 2 | 1 | 2 | 78 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1202 | 96.01 | 50 | 3.99 |

| **Average Performance of Students in Science (%)** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Overall** | **Gender** | | **Area** | | **Management** | | **Social Group** | | | |
| | **Male** | **Female** | **Rural** | **Urban** | **Govt.** | **Aided** | **SC** | **ST** | **OBC** | **GEN** |
| **42.03** | **41.58** | **42.51** | **42.91** | **36.17** | **42.47** | **31.60** | **43.76** | **34.72** | **40.97** | **43.25** |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 40.04 |
| SCI704 | Conducts simple investigation to seek answers to queries | 29.98 |
| SCI705 | Relates processes and phenomenon with causes | 40.67 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 47.68 |
| SCI710 | Plots and interprets graphs | 43.73 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 40.76 |
| SCI801 | Differentiates materials, organism and processes | 50.53 |
| SCI804 | Relates processes and phenomenon with causes | 46.86 |
| SCI805 | Explains processes and phenomenon | 36.88 |
| SCI807 | Measures angles of incidence and reflection, etc. | 33.71 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 43.29 |
| SCI813 | Makes efforts to protect environment | 53.35 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 410 | 32.75 | 418 | 33.39 | 321 | 25.64 | 103 | 8.23 |

## Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (29.98)

2 - Measures angles of incidence and reflection, etc. (33.71)

3 - Explains processes and phenomenon (36.88)

4 - Classifies materials and organisms based on properties/characteristics (40.04)

5 - Relates processes and phenomenon with causes (40.67)

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

*2*