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

| District Report Card: 2017 | |
|---|---|
| **State:** Rajasthan | **District:** Dausa |
| **Class:** 8 | **Subject:** Science |
| **Schools:** 49 | **Students:** 1136 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 485 | 42.69 | 651 | 57.31 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1096 | 96.48 | 40 | 3.52 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 357 | 31.43 | 416 | 36.62 | 304 | 26.76 | 59 | 5.19 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 5 | 2 | 0 | 4 | 5 | 77 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1136 | 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 |
| 67.49 | 66.20 | 68.46 | 67.41 | 69.83 | 67.49 | 0.00 | 68.48 | 66.12 | 68.38 | 66.67 |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 65.16 |
| SCI704 | Conducts simple investigation to seek answers to queries | 38.04 |
| SCI705 | Relates processes and phenomenon with causes | 62.25 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 86.71 |
| SCI710 | Plots and interprets graphs | 67.84 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 59.72 |
| SCI801 | Differentiates materials, organism and processes | 76.41 |
| SCI804 | Relates processes and phenomenon with causes | 69.79 |
| SCI805 | Explains processes and phenomenon | 55.45 |
| SCI807 | Measures angles of incidence and reflection, etc. | 75.53 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 73.37 |
| SCI813 | Makes efforts to protect environment | 83.98 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 74 | 6.51 | 138 | 12.15 | 454 | 39.96 | 470 | 41.37 |

## Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (38.04)

2 - Explains processes and phenomenon (55.45)

3 - Constructs models using materials from surroundings and explains their working (59.72)

4 - Relates processes and phenomenon with causes (62.25)

5 - Classifies materials and organisms based on properties/characteristics (65.16)

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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.