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

| District Report Card: 2017 | |
|---|---|
| **State:** Chhattisgarh | **District:** Koriya |
| **Class:** 8 | **Subject:** Science |
| **Schools:** 51 | **Students:** 1089 |

## Participation/Coverage

**Students**

| GENDER | Boys | | Girls | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 530 | 48.67 | 559 | 51.33 |

| AREA | Rural | | Urban | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 892 | 81.91 | 197 | 18.09 |

| CATEGORY | SC | | ST | | OBC | | GEN | |
|---|---|---|---|---|---|---|---|---|
| | Number | % | Number | % | Number | % | Number | % |
| | 105 | 9.64 | 613 | 56.29 | 342 | 31.40 | 29 | 2.66 |

| CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|---|---|---|---|---|---|
| | 5 | 3 | 0 | 1 | 1 | 1 |

| Management | Government | | Government-aided | |
|---|---|---|---|---|
| | Number | % | Number | % |
| | 1069 | 98.16 | 20 | 1.84 |

| Average Performance of Students in Science (%) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Overall** | **Gender** | | **Area** | | **Management** | | **Social Group** | | | |
| | **Male** | **Female** | **Rural** | **Urban** | **Govt.** | **Aided** | **SC** | **ST** | **OBC** | **GEN** |
| **40.09** | **40.91** | **39.32** | **40.54** | **38.07** | **39.63** | **64.67** | **40.51** | **38.80** | **42.14** | **41.61** |

# Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|---|---|---|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 38.07 |
| SCI704 | Conducts simple investigation to seek answers to queries | 33.03 |
| SCI705 | Relates processes and phenomenon with causes | 36.93 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 46.74 |
| SCI710 | Plots and interprets graphs | 36.69 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 31.47 |
| SCI801 | Differentiates materials, organism and processes | 45.49 |
| SCI804 | Relates processes and phenomenon with causes | 44.51 |
| SCI805 | Explains processes and phenomenon | 35.34 |
| SCI807 | Measures angles of incidence and reflection, etc. | 39.30 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 39.34 |
| SCI813 | Makes efforts to protect environment | 54.73 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|---|---|---|---|---|---|---|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 388 | 35.63 | 358 | 32.87 | 295 | 27.09 | 48 | 4.41 |

## Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (31.47)

2 - Conducts simple investigation to seek answers to queries (33.03)

3 - Explains processes and phenomenon (35.34)

4 - Plots and interprets graphs (36.69)

5 - Relates processes and phenomenon with causes (36.93)

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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.