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

District Report Card: 2017	
State: Chhattisgarh	**District:** Surguja
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1200

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	560	46.67	640	53.33

AREA	Rural		Urban	
	Number	%	Number	%
	1014	84.50	186	15.50

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	67	5.58	721	60.08	367	30.58	45	3.75

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	0	0	0	3

Management	Government		Government-aided	
	Number	%	Number	%
	1120	93.33	80	6.67

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
68.98	68.00	69.84	70.89	58.60	71.06	39.92	68.96	67.09	71.95	75.11

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	70.14
SCI704	Conducts simple investigation to seek answers to queries	67.00
SCI705	Relates processes and phenomenon with causes	62.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	78.42
SCI710	Plots and interprets graphs	65.81
SCI711	Constructs models using materials from surroundings and explains their working	65.30
SCI801	Differentiates materials, organism and processes	67.47
SCI804	Relates processes and phenomenon with causes	65.30
SCI805	Explains processes and phenomenon	59.28
SCI807	Measures angles of incidence and reflection, etc.	75.67
SCI811	Applies learning of scientific concepts in day-to-day life	70.15
SCI813	Makes efforts to protect environment	83.50

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
77	6.42	154	12.83	427	35.58	542	45.17

Lowest Performing Learning Outcomes (LOs)

1 - Explains processes and phenomenon (59.28)

2 - Relates processes and phenomenon with causes (62.70)

3 - Constructs models using materials from surroundings and explains their working (65.30)

4 - Relates processes and phenomenon with causes (65.30)

5 - Plots and interprets graphs (65.81)

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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