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

District Report Card: 2017	
State: Chhattisgarh	**District:** Rajnandgaon
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1313

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	596	45.39	717	54.61

AREA	Rural		Urban	
	Number	%	Number	%
	1206	91.85	107	8.15

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	97	7.39	440	33.51	761	57.96	15	1.14

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	0	1	1	4	0

Management	Government		Government-aided	
	Number	%	Number	%
	1313	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**
42.27	**42.10**	**42.41**	**42.42**	**40.62**	**42.27**	**0.00**	**42.75**	**37.23**	**44.98**	**49.78**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.42
SCI704	Conducts simple investigation to seek answers to queries	36.12
SCI705	Relates processes and phenomenon with causes	40.96
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	38.46
SCI710	Plots and interprets graphs	47.06
SCI711	Constructs models using materials from surroundings and explains their working	41.48
SCI801	Differentiates materials, organism and processes	46.61
SCI804	Relates processes and phenomenon with causes	50.53
SCI805	Explains processes and phenomenon	35.66
SCI807	Measures angles of incidence and reflection, etc.	43.26
SCI811	Applies learning of scientific concepts in day-to-day life	42.08
SCI813	Makes efforts to protect environment	55.98

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
466	35.49	417	31.76	301	22.92	129	9.82

Lowest Performing Learning Outcomes (LOs)

1 - Explains processes and phenomenon (35.66)

2 - Conducts simple investigation to seek answers to queries (36.12)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (38.46)

4 - Classifies materials and organisms based on properties/characteristics (39.42)

5 - Relates processes and phenomenon with causes (40.96)

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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