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

District Report Card: 2017	
State: Chhattisgarh	**District:** Mahasamund
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1352

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	610	45.12	742	54.88

AREA	Rural		Urban	
	Number	%	Number	%
	1264	93.49	88	6.51

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	218	16.12	512	37.87	603	44.60	19	1.41

CWSN	LD	VI	HI	S&LD	ID	Oth
	5	7	2	1	2	0

Management	Government		Government-aided	
	Number	%	Number	%
	1322	97.78	30	2.22

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
41.16	**41.03**	**41.28**	**41.21**	**40.53**	**41.37**	**32.00**	**39.24**	**38.96**	**43.39**	**51.93**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.38
SCI704	Conducts simple investigation to seek answers to queries	35.99
SCI705	Relates processes and phenomenon with causes	38.18
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	40.53
SCI710	Plots and interprets graphs	36.10
SCI711	Constructs models using materials from surroundings and explains their working	37.12
SCI801	Differentiates materials, organism and processes	43.47
SCI804	Relates processes and phenomenon with causes	44.54
SCI805	Explains processes and phenomenon	39.02
SCI807	Measures angles of incidence and reflection, etc.	45.19
SCI811	Applies learning of scientific concepts in day-to-day life	42.25
SCI813	Makes efforts to protect environment	51.41

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
502	37.13	433	32.03	245	18.12	172	12.72

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (35.99)

2 - Plots and interprets graphs (36.10)

3 - Constructs models using materials from surroundings and explains their working (37.12)

4 - Relates processes and phenomenon with causes (38.18)

5 - Explains processes and phenomenon (39.02)

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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