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

District Report Card: 2017	
State: Jharkhand	**District:** Ramgarh
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1324

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	551	41.62	773	58.38

AREA	Rural		Urban	
	Number	%	Number	%
	1130	85.35	194	14.65

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	156	11.78	353	26.66	776	58.61	39	2.95

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	0	2	0	2	29

Management	Government		Government-aided	
	Number	%	Number	%
	1324	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**
54.87	**56.14**	**53.97**	**55.00**	**54.12**	**54.87**	**0.00**	**52.39**	**50.46**	**57.76**	**47.35**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	54.39
SCI704	Conducts simple investigation to seek answers to queries	37.22
SCI705	Relates processes and phenomenon with causes	50.75
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	62.76
SCI710	Plots and interprets graphs	54.09
SCI711	Constructs models using materials from surroundings and explains their working	48.48
SCI801	Differentiates materials, organism and processes	59.87
SCI804	Relates processes and phenomenon with causes	67.88
SCI805	Explains processes and phenomenon	44.92
SCI807	Measures angles of incidence and reflection, etc.	58.53
SCI811	Applies learning of scientific concepts in day-to-day life	58.14
SCI813	Makes efforts to protect environment	70.62

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
239	18.05	299	22.58	518	39.12	268	20.24

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (37.22)

2 - Explains processes and phenomenon (44.92)

3 - Constructs models using materials from surroundings and explains their working (48.48)

4 - Relates processes and phenomenon with causes (50.75)

5 - Plots and interprets graphs (54.09)

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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