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

District Report Card: 2017	
State: Jharkhand	**District:** Gumla
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1242

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	484	38.97	758	61.03

AREA	Rural		Urban	
	Number	%	Number	%
	1103	88.81	139	11.19

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	42	3.38	918	73.91	248	19.97	34	2.74

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	6	0	0	18

Management	Government		Government-aided	
	Number	%	Number	%
	839	67.55	403	32.45

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
48.21	**49.06**	**47.66**	**49.54**	**37.60**	**49.09**	**46.37**	**47.14**	**47.59**	**49.87**	**54.12**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.28
SCI704	Conducts simple investigation to seek answers to queries	35.55
SCI705	Relates processes and phenomenon with causes	43.75
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.08
SCI710	Plots and interprets graphs	45.56
SCI711	Constructs models using materials from surroundings and explains their working	28.27
SCI801	Differentiates materials, organism and processes	58.47
SCI804	Relates processes and phenomenon with causes	61.87
SCI805	Explains processes and phenomenon	44.45
SCI807	Measures angles of incidence and reflection, etc.	50.48
SCI811	Applies learning of scientific concepts in day-to-day life	50.27
SCI813	Makes efforts to protect environment	60.06

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
283	22.79	408	32.85	395	31.80	156	12.56

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (28.27)

2 - Conducts simple investigation to seek answers to queries (35.55)

3 - Relates processes and phenomenon with causes (43.75)

4 - Classifies materials and organisms based on properties/characteristics (44.28)

5 - Explains processes and phenomenon (44.45)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.