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

District Report Card: 2017	
State: Jharkhand	**District:** Simdega
Class: 8	**Subject:** Science
Schools: 49	**Students:** 1064

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	449	42.20	615	57.80

AREA	Rural		Urban	
	Number	%	Number	%
	922	86.65	142	13.35

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	134	12.59	710	66.73	210	19.74	10	0.94

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

Management	Government		Government-aided	
	Number	%	Number	%
	679	63.82	385	36.18

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
41.21	**39.52**	**42.44**	**42.26**	**34.37**	**38.88**	**45.32**	**38.16**	**41.52**	**42.48**	**33.33**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.26
SCI704	Conducts simple investigation to seek answers to queries	32.98
SCI705	Relates processes and phenomenon with causes	36.85
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	45.21
SCI710	Plots and interprets graphs	35.50
SCI711	Constructs models using materials from surroundings and explains their working	26.72
SCI801	Differentiates materials, organism and processes	53.31
SCI804	Relates processes and phenomenon with causes	54.01
SCI805	Explains processes and phenomenon	33.67
SCI807	Measures angles of incidence and reflection, etc.	43.33
SCI811	Applies learning of scientific concepts in day-to-day life	41.62
SCI813	Makes efforts to protect environment	54.42

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
342	32.14	384	36.09	300	28.20	38	3.57

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (26.72)

2 - Conducts simple investigation to seek answers to queries (32.98)

3 - Explains processes and phenomenon (33.67)

4 - Classifies materials and organisms based on properties/characteristics (34.26)

5 - Plots and interprets graphs (35.50)

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