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

District Report Card: 2017	
State: West Bengal	**District:** Jhargram
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1164

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	514	44.16	650	55.84

AREA	Rural		Urban	
	Number	%	Number	%
	1074	92.27	90	7.73

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	279	23.97	313	26.89	284	24.40	288	24.74

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	2	1	1	25

Management	Government		Government-aided	
	Number	%	Number	%
	0	0.00	1164	100.00

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
42.55	44.70	40.86	42.61	41.85	0.00	42.55	40.86	38.08	44.53	47.11

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.02
SCI704	Conducts simple investigation to seek answers to queries	22.20
SCI705	Relates processes and phenomenon with causes	43.65
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.18
SCI710	Plots and interprets graphs	36.84
SCI711	Constructs models using materials from surroundings and explains their working	34.30
SCI801	Differentiates materials, organism and processes	56.02
SCI804	Relates processes and phenomenon with causes	50.08
SCI805	Explains processes and phenomenon	33.01
SCI807	Measures angles of incidence and reflection, etc.	44.59
SCI811	Applies learning of scientific concepts in day-to-day life	41.47
SCI813	Makes efforts to protect environment	57.13

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
390	33.51	340	29.21	335	28.78	99	8.51

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (22.20)

2 - Explains processes and phenomenon (33.01)

3 - Constructs models using materials from surroundings and explains their working (34.30)

4 - Plots and interprets graphs (36.84)

5 - Classifies materials and organisms based on properties/characteristics (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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