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

District Report Card: 2017	
State: West Bengal	**District:** Murshidabad
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1112

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	387	34.80	725	65.20

AREA	Rural		Urban	
	Number	%	Number	%
	1030	92.63	82	7.37

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	202	18.17	14	1.26	217	19.51	679	61.06

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	1	3	1	7

Management	Government		Government-aided	
	Number	%	Number	%
	1112	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**
44.20	**46.86**	**42.78**	**44.01**	**46.50**	**44.20**	**0.00**	**44.29**	**42.86**	**49.19**	**42.60**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.22
SCI704	Conducts simple investigation to seek answers to queries	26.09
SCI705	Relates processes and phenomenon with causes	44.99
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	53.69
SCI710	Plots and interprets graphs	37.16
SCI711	Constructs models using materials from surroundings and explains their working	35.01
SCI801	Differentiates materials, organism and processes	61.64
SCI804	Relates processes and phenomenon with causes	47.58
SCI805	Explains processes and phenomenon	34.67
SCI807	Measures angles of incidence and reflection, etc.	42.81
SCI811	Applies learning of scientific concepts in day-to-day life	40.04
SCI813	Makes efforts to protect environment	58.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
310	27.88	380	34.17	348	31.29	74	6.65

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (26.09)

2 - Explains processes and phenomenon (34.67)

3 - Constructs models using materials from surroundings and explains their working (35.01)

4 - Plots and interprets graphs (37.16)

5 - Applies learning of scientific concepts in day-to-day life (40.04)

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