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

District Report Card: 2017	
State: West Bengal	**District:** Hugli
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1224

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	539	44.04	685	55.96

AREA	Rural		Urban	
	Number	%	Number	%
	955	78.02	269	21.98

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	405	33.09	83	6.78	234	19.12	502	41.01

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	0	1	1	0	8

Management	Government		Government-aided	
	Number	%	Number	%
	384	31.37	840	68.63

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.48	41.93	39.34	41.09	38.31	41.96	39.80	39.24	35.34	39.40	42.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.06
SCI704	Conducts simple investigation to seek answers to queries	20.18
SCI705	Relates processes and phenomenon with causes	48.42
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	41.99
SCI710	Plots and interprets graphs	38.36
SCI711	Constructs models using materials from surroundings and explains their working	25.25
SCI801	Differentiates materials, organism and processes	55.56
SCI804	Relates processes and phenomenon with causes	40.66
SCI805	Explains processes and phenomenon	29.98
SCI807	Measures angles of incidence and reflection, etc.	40.03
SCI811	Applies learning of scientific concepts in day-to-day life	38.42
SCI813	Makes efforts to protect environment	65.44

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
378	30.88	482	39.38	327	26.72	37	3.02

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (20.18)

2 - Constructs models using materials from surroundings and explains their working (25.25)

3 - Explains processes and phenomenon (29.98)

4 - Classifies materials and organisms based on properties/characteristics (35.06)

5 - Plots and interprets graphs (38.36)

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