



**District Report Card: 2017**


<b>State:</b> West Bengal	<b>District:</b> Haora
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1083


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	512	47.28	571	52.72

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	799	73.78	284	26.22

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	259	23.92	9	0.83	81	7.48	734	67.77

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	1	2	3	1	1

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	342	31.58	741	68.42

**Average Performance of Students in Science (%)**

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.33	42.12	38.73	40.06	41.10	39.42	40.76	39.02	41.48	40.91	40.72

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.71
SCI704	Conducts simple investigation to seek answers to queries	22.45
SCI705	Relates processes and phenomenon with causes	44.71
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.29
SCI710	Plots and interprets graphs	38.33
SCI711	Constructs models using materials from surroundings and explains their working	23.89
SCI801	Differentiates materials, organism and processes	54.92
SCI804	Relates processes and phenomenon with causes	49.44
SCI805	Explains processes and phenomenon	31.06
SCI807	Measures angles of incidence and reflection, etc.	38.13
SCI811	Applies learning of scientific concepts in day-to-day life	37.35
SCI813	Makes efforts to protect environment	61.68

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
379	35.00	379	35.00	254	23.45	71	6.56

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.45)
- 2 - Constructs models using materials from surroundings and explains their working (23.89)
- 3 - Explains processes and phenomenon (31.06)
- 4 - Applies learning of scientific concepts in day-to-day life (37.35)
- 5 - Classifies materials and organisms based on properties/characteristics (37.71)