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

District Report Card: 2017	
State: Haryana	**District:** Sonipat
Class: 8	**Subject:** Science
Schools: 43	**Students:** 1017

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	441	43.36	576	56.64

AREA	Rural		Urban	
	Number	%	Number	%
	780	76.70	237	23.30

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	431	42.38	1	0.10	398	39.13	187	18.39

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	4	0	3	4	5

Management	Government		Government-aided	
	Number	%	Number	%
	968	95.18	49	4.82

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.18	42.34	36.76	40.12	36.09	39.67	29.52	38.16	73.33	37.86	44.17

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.75
SCI704	Conducts simple investigation to seek answers to queries	33.57
SCI705	Relates processes and phenomenon with causes	30.36
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.28
SCI710	Plots and interprets graphs	32.02
SCI711	Constructs models using materials from surroundings and explains their working	31.24
SCI801	Differentiates materials, organism and processes	51.30
SCI804	Relates processes and phenomenon with causes	44.40
SCI805	Explains processes and phenomenon	33.51
SCI807	Measures angles of incidence and reflection, etc.	33.53
SCI811	Applies learning of scientific concepts in day-to-day life	38.33
SCI813	Makes efforts to protect environment	62.83

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
366	35.99	311	30.58	267	26.25	73	7.18

Lowest Performing Learning Outcomes (LOs)

1 - Relates processes and phenomenon with causes (30.36)

2 - Constructs models using materials from surroundings and explains their working (31.24)

3 - Plots and interprets graphs (32.02)

4 - Explains processes and phenomenon (33.51)

5 - Measures angles of incidence and reflection, etc. (33.53)

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