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

District Report Card: 2017	
State: Haryana	**District:** Panipat
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1190

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	554	46.55	636	53.45

AREA	Rural		Urban	
	Number	%	Number	%
	976	82.02	214	17.98

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	442	37.14	2	0.17	552	46.39	194	16.30

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	0	2	1	0	1

Management	Government		Government-aided	
	Number	%	Number	%
	1125	94.54	65	5.46

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
46.12	**46.33**	**45.93**	**45.74**	**47.85**	**46.76**	**34.97**	**45.17**	**43.33**	**44.47**	**52.99**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.10
SCI704	Conducts simple investigation to seek answers to queries	33.52
SCI705	Relates processes and phenomenon with causes	40.07
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.44
SCI710	Plots and interprets graphs	31.91
SCI711	Constructs models using materials from surroundings and explains their working	33.72
SCI801	Differentiates materials, organism and processes	61.89
SCI804	Relates processes and phenomenon with causes	59.05
SCI805	Explains processes and phenomenon	37.75
SCI807	Measures angles of incidence and reflection, etc.	36.97
SCI811	Applies learning of scientific concepts in day-to-day life	45.78
SCI813	Makes efforts to protect environment	72.69

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
328	27.56	373	31.34	353	29.66	136	11.43

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (31.91)

2 - Conducts simple investigation to seek answers to queries (33.52)

3 - Constructs models using materials from surroundings and explains their working (33.72)

4 - Measures angles of incidence and reflection, etc. (36.97)

5 - Explains processes and phenomenon (37.75)

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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