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

District Report Card: 2017	
State: Haryana	**District:** Ambala
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1012

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	489	48.32	523	51.68

AREA	Rural		Urban	
	Number	%	Number	%
	780	77.08	232	22.92

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	480	47.43	6	0.59	350	34.58	176	17.39

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

Management	Government		Government-aided	
	Number	%	Number	%
	866	85.57	146	14.43

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
37.07	**36.67**	**37.44**	**35.94**	**40.86**	**37.13**	**36.71**	**36.29**	**36.67**	**38.65**	**36.06**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	30.99
SCI704	Conducts simple investigation to seek answers to queries	25.90
SCI705	Relates processes and phenomenon with causes	33.22
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.40
SCI710	Plots and interprets graphs	33.54
SCI711	Constructs models using materials from surroundings and explains their working	23.43
SCI801	Differentiates materials, organism and processes	54.50
SCI804	Relates processes and phenomenon with causes	45.45
SCI805	Explains processes and phenomenon	34.07
SCI807	Measures angles of incidence and reflection, etc.	19.86
SCI811	Applies learning of scientific concepts in day-to-day life	37.73
SCI813	Makes efforts to protect environment	62.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
372	36.76	411	40.61	193	19.07	36	3.56

Lowest Performing Learning Outcomes (LOs)

1 - Measures angles of incidence and reflection, etc. (19.86)

2 - Constructs models using materials from surroundings and explains their working (23.43)

3 - Conducts simple investigation to seek answers to queries (25.90)

4 - Classifies materials and organisms based on properties/characteristics (30.99)

5 - Relates processes and phenomenon with causes (33.22)

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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