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

District Report Card: 2017	
State: Haryana	**District:** Rohtak
Class: 8	**Subject:** Science
Schools: 51	**Students:** 989

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	526	53.19	463	46.81

AREA	Rural		Urban	
	Number	%	Number	%
	844	85.34	145	14.66

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	510	51.57	17	1.72	252	25.48	210	21.23

CWSN	LD	VI	HI	S&LD	ID	Oth
	5	1	1	0	2	1

Management	Government		Government-aided	
	Number	%	Number	%
	922	93.23	67	6.77

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
41.84	**38.83**	**45.26**	**42.01**	**40.87**	**41.98**	**39.90**	**42.25**	**24.31**	**40.29**	**44.13**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	32.34
SCI704	Conducts simple investigation to seek answers to queries	42.20
SCI705	Relates processes and phenomenon with causes	37.73
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.77
SCI710	Plots and interprets graphs	35.95
SCI711	Constructs models using materials from surroundings and explains their working	22.75
SCI801	Differentiates materials, organism and processes	53.17
SCI804	Relates processes and phenomenon with causes	43.21
SCI805	Explains processes and phenomenon	36.91
SCI807	Measures angles of incidence and reflection, etc.	34.48
SCI811	Applies learning of scientific concepts in day-to-day life	41.35
SCI813	Makes efforts to protect environment	65.93

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
327	33.06	364	36.80	202	20.42	96	9.71

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (22.75)

2 - Classifies materials and organisms based on properties/characteristics (32.34)

3 - Measures angles of incidence and reflection, etc. (34.48)

4 - Plots and interprets graphs (35.95)

5 - Explains processes and phenomenon (36.91)

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