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

District Report Card: 2017	
State: Haryana	**District:** Mahendragarh
Class: 8	**Subject:** Science
Schools: 44	**Students:** 921

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	397	43.11	524	56.89

AREA	Rural		Urban	
	Number	%	Number	%
	781	84.80	140	15.20

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	434	47.12	2	0.22	355	38.55	130	14.12

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	4	2	39

Management	Government		Government-aided	
	Number	%	Number	%
	909	98.70	12	1.30

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
44.55	**44.30**	**44.75**	**44.03**	**47.48**	**44.58**	**42.22**	**42.00**	**30.00**	**46.82**	**47.13**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	32.80
SCI704	Conducts simple investigation to seek answers to queries	39.74
SCI705	Relates processes and phenomenon with causes	40.53
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	45.71
SCI710	Plots and interprets graphs	42.63
SCI711	Constructs models using materials from surroundings and explains their working	25.00
SCI801	Differentiates materials, organism and processes	51.84
SCI804	Relates processes and phenomenon with causes	52.23
SCI805	Explains processes and phenomenon	39.02
SCI807	Measures angles of incidence and reflection, etc.	39.96
SCI811	Applies learning of scientific concepts in day-to-day life	48.85
SCI813	Makes efforts to protect environment	68.62

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
243	26.38	351	38.11	244	26.49	83	9.01

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (25.00)

2 - Classifies materials and organisms based on properties/characteristics (32.80)

3 - Explains processes and phenomenon (39.02)

4 - Conducts simple investigation to seek answers to queries (39.74)

5 - Measures angles of incidence and reflection, etc. (39.96)

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