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

District Report Card: 2017	
State: Haryana	**District:** Bhiwani
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1023

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	423	41.35	600	58.65

AREA	Rural		Urban	
	Number	%	Number	%
	823	80.45	200	19.55

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	439	42.91	0	0.00	302	29.52	282	27.57

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	0	3	0	8

Management	Government		Government-aided	
	Number	%	Number	%
	976	95.41	47	4.59

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
40.77	**38.11**	**42.64**	**41.34**	**38.40**	**41.30**	**29.79**	**39.62**	**0.00**	**38.48**	**45.01**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.27
SCI704	Conducts simple investigation to seek answers to queries	36.19
SCI705	Relates processes and phenomenon with causes	34.68
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	44.67
SCI710	Plots and interprets graphs	36.89
SCI711	Constructs models using materials from surroundings and explains their working	26.60
SCI801	Differentiates materials, organism and processes	53.34
SCI804	Relates processes and phenomenon with causes	46.60
SCI805	Explains processes and phenomenon	35.21
SCI807	Measures angles of incidence and reflection, etc.	29.23
SCI811	Applies learning of scientific concepts in day-to-day life	39.89
SCI813	Makes efforts to protect environment	65.59

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
342	33.43	377	36.85	232	22.68	72	7.04

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (26.60)

2 - Measures angles of incidence and reflection, etc. (29.23)

3 - Classifies materials and organisms based on properties/characteristics (34.27)

4 - Relates processes and phenomenon with causes (34.68)

5 - Explains processes and phenomenon (35.21)

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