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

District Report Card: 2017	
State: Haryana	**District:** Jind
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1147

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	570	49.69	577	50.31

AREA	Rural		Urban	
	Number	%	Number	%
	1023	89.19	124	10.81

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	496	43.24	11	0.96	321	27.99	319	27.81

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	3	1	8	2	5

Management	Government		Government-aided	
	Number	%	Number	%
	1081	94.25	66	5.75

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
38.91	**37.54**	**40.27**	**39.12**	**37.20**	**38.99**	**37.58**	**38.60**	**32.12**	**38.90**	**39.64**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	31.71
SCI704	Conducts simple investigation to seek answers to queries	33.95
SCI705	Relates processes and phenomenon with causes	33.78
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	40.98
SCI710	Plots and interprets graphs	37.01
SCI711	Constructs models using materials from surroundings and explains their working	29.18
SCI801	Differentiates materials, organism and processes	50.07
SCI804	Relates processes and phenomenon with causes	46.80
SCI805	Explains processes and phenomenon	32.10
SCI807	Measures angles of incidence and reflection, etc.	27.81
SCI811	Applies learning of scientific concepts in day-to-day life	38.87
SCI813	Makes efforts to protect environment	64.08

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
426	37.14	390	34.00	244	21.27	87	7.59

Lowest Performing Learning Outcomes (LOs)

1 - Measures angles of incidence and reflection, etc. (27.81)

2 - Constructs models using materials from surroundings and explains their working (29.18)

3 - Classifies materials and organisms based on properties/characteristics (31.71)

4 - Explains processes and phenomenon (32.10)

5 - Relates processes and phenomenon with causes (33.78)

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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