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

District Report Card: 2017	
State: Punjab	**District:** Rupnagar
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1085

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	618	56.96	467	43.04

AREA	Rural		Urban	
	Number	%	Number	%
	911	83.96	174	16.04

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	494	45.53	4	0.37	330	30.41	257	23.69

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	6	0	10	2	80

Management	Government		Government-aided	
	Number	%	Number	%
	1021	94.10	64	5.90

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
33.41	**33.05**	**33.88**	**34.47**	**27.85**	**33.87**	**26.04**	**32.73**	**36.67**	**32.85**	**35.38**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	23.84
SCI704	Conducts simple investigation to seek answers to queries	28.71
SCI705	Relates processes and phenomenon with causes	27.85
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	29.68
SCI710	Plots and interprets graphs	23.77
SCI711	Constructs models using materials from surroundings and explains their working	17.73
SCI801	Differentiates materials, organism and processes	49.84
SCI804	Relates processes and phenomenon with causes	27.24
SCI805	Explains processes and phenomenon	28.34
SCI807	Measures angles of incidence and reflection, etc.	27.47
SCI811	Applies learning of scientific concepts in day-to-day life	33.68
SCI813	Makes efforts to protect environment	62.58

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
452	41.66	439	40.46	177	16.31	17	1.57

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (17.73)

2 - Plots and interprets graphs (23.77)

3 - Classifies materials and organisms based on properties/characteristics (23.84)

4 - Relates processes and phenomenon with causes (27.24)

5 - Measures angles of incidence and reflection, etc. (27.47)

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