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

District Report Card: 2017	
State: Punjab	**District:** Sangrur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1339

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	710	53.02	629	46.98

AREA	Rural		Urban	
	Number	%	Number	%
	1025	76.55	314	23.45

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	747	55.79	2	0.15	349	26.06	241	18.00

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	2	3	20	2	7

Management	Government		Government-aided	
	Number	%	Number	%
	1219	91.04	120	8.96

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
29.69	29.53	29.88	31.35	24.29	30.63	20.17	30.53	23.33	29.23	27.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	24.41
SCI704	Conducts simple investigation to seek answers to queries	23.23
SCI705	Relates processes and phenomenon with causes	27.54
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	27.63
SCI710	Plots and interprets graphs	24.23
SCI711	Constructs models using materials from surroundings and explains their working	16.74
SCI801	Differentiates materials, organism and processes	39.87
SCI804	Relates processes and phenomenon with causes	30.54
SCI805	Explains processes and phenomenon	25.74
SCI807	Measures angles of incidence and reflection, etc.	19.42
SCI811	Applies learning of scientific concepts in day-to-day life	30.27
SCI813	Makes efforts to protect environment	55.71

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
689	51.46	445	33.23	175	13.07	30	2.24

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (16.74)

2 - Measures angles of incidence and reflection, etc. (19.42)

3 - Conducts simple investigation to seek answers to queries (23.23)

4 - Plots and interprets graphs (24.23)

5 - Classifies materials and organisms based on properties/characteristics (24.41)

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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