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

District Report Card: 2017	
State: Punjab	**District:** Faridkot
Class: 8	**Subject:** Science
Schools: 51	**Students:** 967

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	461	47.67	506	52.33

AREA	Rural		Urban	
	Number	%	Number	%
	748	77.35	219	22.65

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	725	74.97	3	0.31	107	11.07	132	13.65

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	5	2	6	3	1

Management	Government		Government-aided	
	Number	%	Number	%
	917	94.83	50	5.17

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.04	33.68	32.46	32.83	33.76	33.59	23.07	32.92	22.22	29.78	36.62

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	26.76
SCI704	Conducts simple investigation to seek answers to queries	25.96
SCI705	Relates processes and phenomenon with causes	25.33
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	28.75
SCI710	Plots and interprets graphs	25.34
SCI711	Constructs models using materials from surroundings and explains their working	16.70
SCI801	Differentiates materials, organism and processes	49.87
SCI804	Relates processes and phenomenon with causes	33.40
SCI805	Explains processes and phenomenon	28.56
SCI807	Measures angles of incidence and reflection, etc.	19.75
SCI811	Applies learning of scientific concepts in day-to-day life	33.49
SCI813	Makes efforts to protect environment	65.46

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
423	43.74	385	39.81	153	15.82	6	0.62

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (16.70)

2 - Measures angles of incidence and reflection, etc. (19.75)

3 - Relates processes and phenomenon with causes (25.33)

4 - Plots and interprets graphs (25.34)

5 - Conducts simple investigation to seek answers to queries (25.96)

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

2