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

District Report Card: 2017	
State: Punjab	**District:** Mansa
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1426

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	716	50.21	710	49.79

AREA	Rural		Urban	
	Number	%	Number	%
	1218	85.41	208	14.59

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	918	64.38	1	0.07	197	13.81	310	21.74

CWSN	LD	VI	HI	S&LD	ID	Oth
	4	3	2	1	4	32

Management	Government		Government-aided	
	Number	%	Number	%
	1398	98.04	28	1.96

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
30.89	**31.04**	**30.73**	**32.43**	**21.86**	**31.11**	**20.00**	**28.36**	**0.00**	**35.13**	**35.78**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	22.97
SCI704	Conducts simple investigation to seek answers to queries	22.99
SCI705	Relates processes and phenomenon with causes	25.05
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	29.03
SCI710	Plots and interprets graphs	26.69
SCI711	Constructs models using materials from surroundings and explains their working	16.71
SCI801	Differentiates materials, organism and processes	44.28
SCI804	Relates processes and phenomenon with causes	34.13
SCI805	Explains processes and phenomenon	25.47
SCI807	Measures angles of incidence and reflection, etc.	20.97
SCI811	Applies learning of scientific concepts in day-to-day life	31.95
SCI813	Makes efforts to protect environment	61.43

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
642	45.02	553	38.78	203	14.24	28	1.96

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (16.71)

2 - Measures angles of incidence and reflection, etc. (20.97)

3 - Classifies materials and organisms based on properties/characteristics (22.97)

4 - Conducts simple investigation to seek answers to queries (22.99)

5 - Relates processes and phenomenon with causes (25.05)

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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