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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Chandigarh	**District:** Chandigarh
Class: 8	**Subject:** Science
Schools: 107	**Students:** 2888

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	1389	48.10	1499	51.90

AREA	Rural		Urban	
	Number	%	Number	%
	777	26.90	2111	73.10

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	439	15.20	5	0.17	93	3.22	2351	81.41

CWSN	LD	VI	HI	S&LD	ID	Oth
	23	29	2	12	3	40

Management	Government		Government-aided	
	Number	%	Number	%
	2721	94.22	167	5.78

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
51.47	51.42	51.51	49.34	52.25	51.70	47.78	49.46	37.33	53.69	51.79

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.67
SCI704	Conducts simple investigation to seek answers to queries	45.70
SCI705	Relates processes and phenomenon with causes	48.99
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.87
SCI710	Plots and interprets graphs	51.06
SCI711	Constructs models using materials from surroundings and explains their working	40.11
SCI801	Differentiates materials, organism and processes	60.43
SCI804	Relates processes and phenomenon with causes	61.26
SCI805	Explains processes and phenomenon	42.64
SCI807	Measures angles of incidence and reflection, etc.	50.55
SCI811	Applies learning of scientific concepts in day-to-day life	52.02
SCI813	Makes efforts to protect environment	67.87

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
601	20.81	896	31.02	849	29.40	542	18.77

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (40.11)

2 - Explains processes and phenomenon (42.64)

3 - Classifies materials and organisms based on properties/characteristics (45.67)

4 - Conducts simple investigation to seek answers to queries (45.70)

5 - Relates processes and phenomenon with causes (48.99)

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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