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: Delhi	**District:** Central Delhi
Class: 8	**Subject:** Science
Schools: 50	**Students:** 998

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	461	46.19	537	53.81

AREA	Rural		Urban	
	Number	%	Number	%
	15	1.50	983	98.50

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	213	21.34	2	0.20	60	6.01	723	72.44

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	1	0	0	2	5

Management	Government		Government-aided	
	Number	%	Number	%
	646	64.73	352	35.27

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
32.05	31.22	32.76	17.33	32.28	31.16	33.69	30.42	43.33	29.44	32.72

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	29.05
SCI704	Conducts simple investigation to seek answers to queries	30.72
SCI705	Relates processes and phenomenon with causes	33.38
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	29.76
SCI710	Plots and interprets graphs	22.90
SCI711	Constructs models using materials from surroundings and explains their working	18.20
SCI801	Differentiates materials, organism and processes	38.21
SCI804	Relates processes and phenomenon with causes	40.70
SCI805	Explains processes and phenomenon	24.09
SCI807	Measures angles of incidence and reflection, etc.	22.44
SCI811	Applies learning of scientific concepts in day-to-day life	34.14
SCI813	Makes efforts to protect environment	50.00

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
485	48.60	380	38.08	120	12.02	13	1.30

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (18.20)

2 - Measures angles of incidence and reflection, etc. (22.44)

3 - Plots and interprets graphs (22.90)

4 - Explains processes and phenomenon (24.09)

5 - Classifies materials and organisms based on properties/characteristics (29.05)

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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