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

District Report Card: 2017	
State: Tamil Nadu	**District:** Chennai
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1076

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	425	39.50	651	60.50

AREA	Rural		Urban	
	Number	%	Number	%
	36	3.35	1040	96.65

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	414	38.48	6	0.56	521	48.42	135	12.55

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	0	0	0

Management	Government		Government-aided	
	Number	%	Number	%
	319	29.65	757	70.35

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
29.81	29.44	30.05	27.59	29.88	26.83	31.06	30.11	23.33	29.51	30.32

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.28
SCI704	Conducts simple investigation to seek answers to queries	20.20
SCI705	Relates processes and phenomenon with causes	33.92
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	20.26
SCI710	Plots and interprets graphs	23.72
SCI711	Constructs models using materials from surroundings and explains their working	22.99
SCI801	Differentiates materials, organism and processes	33.98
SCI804	Relates processes and phenomenon with causes	39.42
SCI805	Explains processes and phenomenon	24.63
SCI807	Measures angles of incidence and reflection, etc.	19.89
SCI811	Applies learning of scientific concepts in day-to-day life	32.56
SCI813	Makes efforts to protect environment	43.40

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
601	55.86	379	35.22	81	7.53	15	1.39

Lowest Performing Learning Outcomes (LOs)

1 - Measures angles of incidence and reflection, etc. (19.89)

2 - Conducts simple investigation to seek answers to queries (20.20)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (20.26)

4 - Constructs models using materials from surroundings and explains their working (22.99)

5 - Plots and interprets graphs (23.72)

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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