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

District Report Card: 2017	
State: Tamil Nadu	**District:** Cuddalore
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1077

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	436	40.48	641	59.52

AREA	Rural		Urban	
	Number	%	Number	%
	742	68.90	335	31.10

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	421	39.09	15	1.39	624	57.94	17	1.58

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	0	1	3	3	2

Management	Government		Government-aided	
	Number	%	Number	%
	743	68.99	334	31.01

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.09	33.49	36.18	35.61	33.95	33.41	38.82	34.57	33.78	35.34	40.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.55
SCI704	Conducts simple investigation to seek answers to queries	26.43
SCI705	Relates processes and phenomenon with causes	39.99
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	26.93
SCI710	Plots and interprets graphs	29.38
SCI711	Constructs models using materials from surroundings and explains their working	31.45
SCI801	Differentiates materials, organism and processes	33.94
SCI804	Relates processes and phenomenon with causes	48.78
SCI805	Explains processes and phenomenon	28.77
SCI807	Measures angles of incidence and reflection, etc.	23.21
SCI811	Applies learning of scientific concepts in day-to-day life	39.30
SCI813	Makes efforts to protect environment	53.20

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
468	43.45	400	37.14	184	17.08	25	2.32

Lowest Performing Learning Outcomes (LOs)

1 - Measures angles of incidence and reflection, etc. (23.21)

2 - Conducts simple investigation to seek answers to queries (26.43)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (26.93)

4 - Explains processes and phenomenon (28.77)

5 - Plots and interprets graphs (29.38)

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

2