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

District Report Card: 2017	
State: Tamil Nadu	**District:** Pudukkottai
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1086

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	579	53.31	507	46.69

AREA	Rural		Urban	
	Number	%	Number	%
	924	85.08	162	14.92

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	252	23.20	1	0.09	823	75.78	10	0.92

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

Management	Government		Government-aided	
	Number	%	Number	%
	931	85.73	155	14.27

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.01	33.60	36.62	34.89	35.68	34.79	36.30	33.36	20.00	35.57	32.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.02
SCI704	Conducts simple investigation to seek answers to queries	21.69
SCI705	Relates processes and phenomenon with causes	44.42
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	24.13
SCI710	Plots and interprets graphs	31.11
SCI711	Constructs models using materials from surroundings and explains their working	25.19
SCI801	Differentiates materials, organism and processes	37.44
SCI804	Relates processes and phenomenon with causes	51.30
SCI805	Explains processes and phenomenon	29.47
SCI807	Measures angles of incidence and reflection, etc.	26.89
SCI811	Applies learning of scientific concepts in day-to-day life	36.12
SCI813	Makes efforts to protect environment	56.26

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
459	42.27	436	40.15	176	16.21	15	1.38

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (21.69)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (24.13)

3 - Constructs models using materials from surroundings and explains their working (25.19)

4 - Measures angles of incidence and reflection, etc. (26.89)

5 - Explains processes and phenomenon (29.47)

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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