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

District Report Card: 2017	
State: Tamil Nadu	**District:** Thoothukkudi
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1235

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	573	46.40	662	53.60

AREA	Rural		Urban	
	Number	%	Number	%
	896	72.55	339	27.45

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	306	24.78	14	1.13	808	65.43	107	8.66

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

Management	Government		Government-aided	
	Number	%	Number	%
	215	17.41	1020	82.59

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.47	35.72	35.25	35.71	34.81	33.92	35.79	34.77	29.52	35.89	35.02

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.64
SCI704	Conducts simple investigation to seek answers to queries	23.76
SCI705	Relates processes and phenomenon with causes	45.20
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	23.81
SCI710	Plots and interprets graphs	30.13
SCI711	Constructs models using materials from surroundings and explains their working	26.06
SCI801	Differentiates materials, organism and processes	35.97
SCI804	Relates processes and phenomenon with causes	46.25
SCI805	Explains processes and phenomenon	26.56
SCI807	Measures angles of incidence and reflection, etc.	23.89
SCI811	Applies learning of scientific concepts in day-to-day life	41.19
SCI813	Makes efforts to protect environment	61.38

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
477	38.62	538	43.56	218	17.65	2	0.16

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (23.76)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (23.81)

3 - Measures angles of incidence and reflection, etc. (23.89)

4 - Constructs models using materials from surroundings and explains their working (26.06)

5 - Explains processes and phenomenon (26.56)

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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