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

District Report Card: 2017	
State: Tamil Nadu	**District:** Thanjavur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1146

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	521	45.46	625	54.54

AREA	Rural		Urban	
	Number	%	Number	%
	735	64.14	411	35.86

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	341	29.76	4	0.35	763	66.58	38	3.32

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

Management	Government		Government-aided	
	Number	%	Number	%
	609	53.14	537	46.86

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.84	35.46	37.98	35.99	38.35	34.44	39.55	38.67	36.67	36.45	28.07

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.68
SCI704	Conducts simple investigation to seek answers to queries	26.22
SCI705	Relates processes and phenomenon with causes	41.65
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	28.36
SCI710	Plots and interprets graphs	35.74
SCI711	Constructs models using materials from surroundings and explains their working	32.75
SCI801	Differentiates materials, organism and processes	41.19
SCI804	Relates processes and phenomenon with causes	54.58
SCI805	Explains processes and phenomenon	29.12
SCI807	Measures angles of incidence and reflection, etc.	23.12
SCI811	Applies learning of scientific concepts in day-to-day life	38.19
SCI813	Makes efforts to protect environment	58.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
452	39.44	454	39.62	208	18.15	32	2.79

Lowest Performing Learning Outcomes (LOs)

1 - Measures angles of incidence and reflection, etc. (23.12)

2 - Conducts simple investigation to seek answers to queries (26.22)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (28.36)

4 - Explains processes and phenomenon (29.12)

5 - Constructs models using materials from surroundings and explains their working (32.75)

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