



District Report Card: 2017


State: Tamil Nadu	District: Thiruvallur
Class: 8	Subject: Science
Schools: 49	Students: 1137


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	487	42.83	650	57.17

 AREA	Rural		Urban	
	Number	%	Number	%
	663	58.31	474	41.69

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	475	41.78	20	1.76	516	45.38	126	11.08

 CWSN	LD	VI	HI	S&LD	ID	Oth
	2	0	1	2	1	32

 Management	Government		Government-aided	
	Number	%	Number	%
	886	77.92	251	22.08

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.37	36.19	40.00	40.00	36.09	37.40	41.78	36.51	41.33	40.10	37.83

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.50
SCI704	Conducts simple investigation to seek answers to queries	25.78
SCI705	Relates processes and phenomenon with causes	44.23
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	31.66
SCI710	Plots and interprets graphs	36.16
SCI711	Constructs models using materials from surroundings and explains their working	37.21
SCI801	Differentiates materials, organism and processes	41.66
SCI804	Relates processes and phenomenon with causes	53.09
SCI805	Explains processes and phenomenon	30.70
SCI807	Measures angles of incidence and reflection, etc.	31.75
SCI811	Applies learning of scientific concepts in day-to-day life	42.04
SCI813	Makes efforts to protect environment	50.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
472	41.51	371	32.63	213	18.73	81	7.12

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.78)
- 2 - Explains processes and phenomenon (30.70)
- 3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (31.66)
- 4 - Measures angles of incidence and reflection, etc. (31.75)
- 5 - Plots and interprets graphs (36.16)