



### District Report Card: 2017


<b>State:</b> Tamil Nadu	<b>District:</b> Thiruvallur
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1142


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	555	48.60	587	51.40

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	939	82.22	203	17.78

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	599	52.45	13	1.14	511	44.75	19	1.66

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	1	3	4	2	1

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	829	72.59	313	27.41

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.29	34.41	32.23	33.39	32.84	33.80	31.95	32.12	31.79	34.56	37.19

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.41
SCI704	Conducts simple investigation to seek answers to queries	23.99
SCI705	Relates processes and phenomenon with causes	38.91
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	22.50
SCI710	Plots and interprets graphs	30.96
SCI711	Constructs models using materials from surroundings and explains their working	25.39
SCI801	Differentiates materials, organism and processes	34.51
SCI804	Relates processes and phenomenon with causes	42.78
SCI805	Explains processes and phenomenon	30.37
SCI807	Measures angles of incidence and reflection, etc.	24.26
SCI811	Applies learning of scientific concepts in day-to-day life	36.19
SCI813	Makes efforts to protect environment	50.53

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
508	44.48	472	41.33	146	12.78	16	1.40

### Lowest Performing Learning Outcomes (LOs)

- 1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (22.50)
- 2 - Conducts simple investigation to seek answers to queries (23.99)
- 3 - Measures angles of incidence and reflection, etc. (24.26)
- 4 - Constructs models using materials from surroundings and explains their working (25.39)
- 5 - Explains processes and phenomenon (30.37)