



### District Report Card: 2017


<b>State:</b> Tamil Nadu	<b>District:</b> Tirunelveli
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1255


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	626	49.88	629	50.12

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	765	60.96	490	39.04

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	279	22.23	17	1.35	878	69.96	81	6.45

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	1	1	0	5	0

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	212	16.89	1043	83.11

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.38	36.22	36.53	37.37	34.83	30.69	37.53	38.45	32.94	35.31	41.56

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.94
SCI704	Conducts simple investigation to seek answers to queries	20.34
SCI705	Relates processes and phenomenon with causes	42.12
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	28.21
SCI710	Plots and interprets graphs	27.53
SCI711	Constructs models using materials from surroundings and explains their working	29.91
SCI801	Differentiates materials, organism and processes	37.40
SCI804	Relates processes and phenomenon with causes	49.21
SCI805	Explains processes and phenomenon	30.72
SCI807	Measures angles of incidence and reflection, etc.	26.14
SCI811	Applies learning of scientific concepts in day-to-day life	41.13
SCI813	Makes efforts to protect environment	63.67

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
511	40.72	487	38.80	218	17.37	39	3.11

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (20.34)
- 2 - Measures angles of incidence and reflection, etc. (26.14)
- 3 - Plots and interprets graphs (27.53)
- 4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (28.21)
- 5 - Constructs models using materials from surroundings and explains their working (29.91)