



**District Report Card: 2017**


<b>State:</b> Tamil Nadu	<b>District:</b> Virudhunagar
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1265


**Participation/Coverage**


**Students**

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	595	47.04	670	52.96

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	767	60.63	498	39.37

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	309	24.43	6	0.47	935	73.91	15	1.19

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	0	15	0	4	13

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	450	35.57	815	64.43

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.82	33.28	34.31	32.86	35.31	33.88	33.79	33.44	35.56	33.90	36.00

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.61
SCI704	Conducts simple investigation to seek answers to queries	22.18
SCI705	Relates processes and phenomenon with causes	41.44
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	24.82
SCI710	Plots and interprets graphs	24.15
SCI711	Constructs models using materials from surroundings and explains their working	25.38
SCI801	Differentiates materials, organism and processes	34.19
SCI804	Relates processes and phenomenon with causes	46.15
SCI805	Explains processes and phenomenon	28.35
SCI807	Measures angles of incidence and reflection, etc.	23.00
SCI811	Applies learning of scientific concepts in day-to-day life	38.68
SCI813	Makes efforts to protect environment	55.34

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
551	43.56	519	41.03	193	15.26	2	0.16

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.18)
- 2 - Measures angles of incidence and reflection, etc. (23.00)
- 3 - Plots and interprets graphs (24.15)
- 4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (24.82)
- 5 - Constructs models using materials from surroundings and explains their working (25.38)