



### District Report Card: 2017


<b>State:</b> Tamil Nadu	<b>District:</b> Sivaganga
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 50	<b>Students:</b> 1123


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	515	45.86	608	54.14

 AREA	Rural		Urban	
	Number	%	Number	%
	726	64.65	397	35.35

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	217	19.32	0	0.00	870	77.47	36	3.21

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

 Management	Government		Government-aided	
	Number	%	Number	%
	560	49.87	563	50.13

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.90	39.02	36.96	39.00	35.90	37.51	38.29	36.90	0.00	38.19	37.04

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.80
SCI704	Conducts simple investigation to seek answers to queries	23.74
SCI705	Relates processes and phenomenon with causes	46.05
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	29.30
SCI710	Plots and interprets graphs	28.88
SCI711	Constructs models using materials from surroundings and explains their working	37.97
SCI801	Differentiates materials, organism and processes	37.95
SCI804	Relates processes and phenomenon with causes	52.23
SCI805	Explains processes and phenomenon	29.61
SCI807	Measures angles of incidence and reflection, etc.	27.69
SCI811	Applies learning of scientific concepts in day-to-day life	41.55
SCI813	Makes efforts to protect environment	61.98

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
406	36.15	475	42.30	200	17.81	42	3.74

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.74)
- 2 - Measures angles of incidence and reflection, etc. (27.69)
- 3 - Plots and interprets graphs (28.88)
- 4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (29.30)
- 5 - Explains processes and phenomenon (29.61)