



District Report Card: 2017


State: Tamil Nadu	District: Ramanathapuram
Class: 8	Subject: Science
Schools: 51	Students: 1159


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	541	46.68	618	53.32

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	878	75.75	281	24.25

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	311	26.83	6	0.52	801	69.11	41	3.54

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	4	1	0	0	1	31

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	507	43.74	652	56.26

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.04	38.10	37.98	39.48	33.55	39.03	37.27	37.96	27.78	38.50	31.06

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.03
SCI704	Conducts simple investigation to seek answers to queries	22.65
SCI705	Relates processes and phenomenon with causes	43.46
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	29.08
SCI710	Plots and interprets graphs	27.18
SCI711	Constructs models using materials from surroundings and explains their working	37.63
SCI801	Differentiates materials, organism and processes	36.76
SCI804	Relates processes and phenomenon with causes	48.95
SCI805	Explains processes and phenomenon	30.62
SCI807	Measures angles of incidence and reflection, etc.	32.27
SCI811	Applies learning of scientific concepts in day-to-day life	41.87
SCI813	Makes efforts to protect environment	67.56

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
433	37.36	456	39.34	225	19.41	45	3.88

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (22.65)

2 - Plots and interprets graphs (27.18)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (29.08)

4 - Explains processes and phenomenon (30.62)

5 - Measures angles of incidence and reflection, etc. (32.27)