



District Report Card: 2017


State: Tamil Nadu	District: Coimbatore
Class: 8	Subject: Science
Schools: 30	Students: 629


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	290		46.10		339		53.90	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	282		44.83		347		55.17	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	163	25.91	18	2.86	423	67.25	25	3.97

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	389		61.84	240		38.16

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.02	35.68	34.45	33.29	36.43	34.33	36.14	32.64	30.00	35.95	38.40

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.91
SCI704	Conducts simple investigation to seek answers to queries	23.77
SCI705	Relates processes and phenomenon with causes	41.99
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	22.58
SCI710	Plots and interprets graphs	33.99
SCI711	Constructs models using materials from surroundings and explains their working	21.78
SCI801	Differentiates materials, organism and processes	38.54
SCI804	Relates processes and phenomenon with causes	40.26
SCI805	Explains processes and phenomenon	25.65
SCI807	Measures angles of incidence and reflection, etc.	26.71
SCI811	Applies learning of scientific concepts in day-to-day life	38.39
SCI813	Makes efforts to protect environment	58.03

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
255	40.54	272	43.24	95	15.10	7	1.11

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (21.78)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (22.58)
- 3 - Conducts simple investigation to seek answers to queries (23.77)
- 4 - Explains processes and phenomenon (25.65)
- 5 - Measures angles of incidence and reflection, etc. (26.71)