



District Report Card: 2017


State: Tamil Nadu	District: Namakkal
Class: 8	Subject: Science
Schools: 50	Students: 1198


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	611	51.00	587	49.00

AREA 	Rural		Urban	
	Number	%	Number	%
	762	63.61	436	36.39

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	324	27.05	53	4.42	802	66.94	19	1.59

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	3	1	1	1	3

Management 	Government		Government-aided	
	Number	%	Number	%
	1083	90.40	115	9.60

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.21	34.65	35.79	35.92	33.96	35.35	33.91	35.95	52.33	33.81	34.04

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.60
SCI704	Conducts simple investigation to seek answers to queries	23.62
SCI705	Relates processes and phenomenon with causes	42.97
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	24.04
SCI710	Plots and interprets graphs	29.31
SCI711	Constructs models using materials from surroundings and explains their working	27.81
SCI801	Differentiates materials, organism and processes	38.42
SCI804	Relates processes and phenomenon with causes	52.43
SCI805	Explains processes and phenomenon	28.79
SCI807	Measures angles of incidence and reflection, etc.	23.37
SCI811	Applies learning of scientific concepts in day-to-day life	39.19
SCI813	Makes efforts to protect environment	53.17

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
477	39.82	512	42.74	191	15.94	18	1.50

Lowest Performing Learning Outcomes (LOs)

- 1 - Measures angles of incidence and reflection, etc. (23.37)
- 2 - Conducts simple investigation to seek answers to queries (23.62)
- 3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (24.04)
- 4 - Constructs models using materials from surroundings and explains their working (27.81)
- 5 - Explains processes and phenomenon (28.79)