



District Report Card: 2017


State: Tamil Nadu	District: Nagapattinam
Class: 8	Subject: Science
Schools: 51	Students: 1064


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	559	52.54	505	47.46

 AREA	Rural		Urban	
	Number	%	Number	%
	799	75.09	265	24.91

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	476	44.74	7	0.66	574	53.95	7	0.66

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	2	8	1	6	23

 Management	Government		Government-aided	
	Number	%	Number	%
	640	60.15	424	39.85

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.21	34.26	34.15	33.87	35.25	33.57	35.17	33.46	20.95	35.03	31.43

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.33
SCI704	Conducts simple investigation to seek answers to queries	24.26
SCI705	Relates processes and phenomenon with causes	41.65
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	24.25
SCI710	Plots and interprets graphs	29.02
SCI711	Constructs models using materials from surroundings and explains their working	28.10
SCI801	Differentiates materials, organism and processes	35.79
SCI804	Relates processes and phenomenon with causes	45.10
SCI805	Explains processes and phenomenon	29.05
SCI807	Measures angles of incidence and reflection, etc.	26.41
SCI811	Applies learning of scientific concepts in day-to-day life	36.08
SCI813	Makes efforts to protect environment	54.14

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
460	43.23	421	39.57	161	15.13	22	2.07

Lowest Performing Learning Outcomes (LOs)

- 1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (24.25)
- 2 - Conducts simple investigation to seek answers to queries (24.26)
- 3 - Measures angles of incidence and reflection, etc. (26.41)
- 4 - Constructs models using materials from surroundings and explains their working (28.10)
- 5 - Plots and interprets graphs (29.02)