



District Report Card: 2017


State: Tamil Nadu	District: Kanniyakumari
Class: 8	Subject: Science
Schools: 51	Students: 968


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	311	32.13	657	67.87

AREA 	Rural		Urban	
	Number	%	Number	%
	563	58.16	405	41.84

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	34	3.51	3	0.31	853	88.12	78	8.06

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	2	1	1	5	40

Management 	Government		Government-aided	
	Number	%	Number	%
	309	31.92	659	68.08

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.75	37.64	37.81	38.83	36.26	37.73	37.76	32.55	22.22	38.06	37.26

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.44
SCI704	Conducts simple investigation to seek answers to queries	27.35
SCI705	Relates processes and phenomenon with causes	41.24
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	29.24
SCI710	Plots and interprets graphs	30.56
SCI711	Constructs models using materials from surroundings and explains their working	31.60
SCI801	Differentiates materials, organism and processes	44.35
SCI804	Relates processes and phenomenon with causes	52.18
SCI805	Explains processes and phenomenon	26.94
SCI807	Measures angles of incidence and reflection, etc.	30.68
SCI811	Applies learning of scientific concepts in day-to-day life	39.36
SCI813	Makes efforts to protect environment	58.26

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
360	37.19	388	40.08	176	18.18	44	4.55

Lowest Performing Learning Outcomes (LOs)

- 1 - Explains processes and phenomenon (26.94)
- 2 - Conducts simple investigation to seek answers to queries (27.35)
- 3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (29.24)
- 4 - Plots and interprets graphs (30.56)
- 5 - Measures angles of incidence and reflection, etc. (30.68)