



District Report Card: 2017


State: Tamil Nadu	District: Perambalur
Class: 8	Subject: Science
Schools: 51	Students: 1214


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	552	45.47	662	54.53

 AREA	Rural		Urban	
	Number	%	Number	%
	970	79.90	244	20.10

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	391	32.21	27	2.22	776	63.92	20	1.65

 CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	3	0	0	1

 Management	Government		Government-aided	
	Number	%	Number	%
	906	74.63	308	25.37

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
43.03	42.57	43.41	43.71	40.33	41.15	48.57	39.93	40.74	44.85	36.33

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.24
SCI704	Conducts simple investigation to seek answers to queries	27.71
SCI705	Relates processes and phenomenon with causes	45.90
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	40.36
SCI710	Plots and interprets graphs	44.54
SCI711	Constructs models using materials from surroundings and explains their working	46.17
SCI801	Differentiates materials, organism and processes	44.84
SCI804	Relates processes and phenomenon with causes	62.15
SCI805	Explains processes and phenomenon	30.47
SCI807	Measures angles of incidence and reflection, etc.	32.54
SCI811	Applies learning of scientific concepts in day-to-day life	47.46
SCI813	Makes efforts to protect environment	66.64

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
381	31.38	422	34.76	306	25.21	105	8.65

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.71)
- 2 - Explains processes and phenomenon (30.47)
- 3 - Measures angles of incidence and reflection, etc. (32.54)
- 4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (40.36)
- 5 - Classifies materials and organisms based on properties/characteristics (43.24)