



District Report Card: 2017


State: Tamil Nadu	District: Tiruchirappalli
Class: 8	Subject: Science
Schools: 51	Students: 1200


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	696	58.00	504	42.00

AREA 	Rural		Urban	
	Number	%	Number	%
	766	63.83	434	36.17

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	272	22.67	16	1.33	830	69.17	82	6.83

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	0	2	2	6	4

Management 	Government		Government-aided	
	Number	%	Number	%
	546	45.50	654	54.50

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
31.68	31.39	32.08	31.86	31.35	29.11	33.82	31.25	30.83	31.90	31.06

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.32
SCI704	Conducts simple investigation to seek answers to queries	22.44
SCI705	Relates processes and phenomenon with causes	38.15
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	20.25
SCI710	Plots and interprets graphs	25.77
SCI711	Constructs models using materials from surroundings and explains their working	24.91
SCI801	Differentiates materials, organism and processes	33.64
SCI804	Relates processes and phenomenon with causes	39.25
SCI805	Explains processes and phenomenon	26.96
SCI807	Measures angles of incidence and reflection, etc.	23.00
SCI811	Applies learning of scientific concepts in day-to-day life	33.86
SCI813	Makes efforts to protect environment	52.25

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
584	48.67	484	40.33	127	10.58	5	0.42

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. (20.25)
- 2 - Conducts simple investigation to seek answers to queries (22.44)
- 3 - Measures angles of incidence and reflection, etc. (23.00)
- 4 - Constructs models using materials from surroundings and explains their working (24.91)
- 5 - Plots and interprets graphs (25.77)