



District Report Card: 2017


State: Puducherry	District: Puducherry
Class: 8	Subject: Science
Schools: 51	Students: 1307


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	644	49.27	663	50.73

 AREA	Rural		Urban	
	Number	%	Number	%
	609	46.60	698	53.40

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	422	32.29	5	0.38	826	63.20	54	4.13

 CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	2	5	6	6

 Management	Government		Government-aided	
	Number	%	Number	%
	986	75.44	321	24.56

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
29.00	28.42	29.57	28.35	29.57	28.16	31.59	28.89	29.33	28.70	34.44

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.48
SCI704	Conducts simple investigation to seek answers to queries	23.30
SCI705	Relates processes and phenomenon with causes	33.01
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	16.99
SCI710	Plots and interprets graphs	25.31
SCI711	Constructs models using materials from surroundings and explains their working	23.77
SCI801	Differentiates materials, organism and processes	34.23
SCI804	Relates processes and phenomenon with causes	40.90
SCI805	Explains processes and phenomenon	23.60
SCI807	Measures angles of incidence and reflection, etc.	21.81
SCI811	Applies learning of scientific concepts in day-to-day life	31.36
SCI813	Makes efforts to protect environment	32.90

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
746	57.08	468	35.81	91	6.96	2	0.15

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. (16.99)
- 2 - Measures angles of incidence and reflection, etc. (21.81)
- 3 - Conducts simple investigation to seek answers to queries (23.30)
- 4 - Explains processes and phenomenon (23.60)
- 5 - Constructs models using materials from surroundings and explains their working (23.77)