



District Report Card: 2017


State: Tamil Nadu	District: Salem
Class: 8	Subject: Science
Schools: 51	Students: 1137


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	577	50.75	560	49.25

AREA 	Rural		Urban	
	Number	%	Number	%
	779	68.51	358	31.49

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	246	21.64	24	2.11	808	71.06	59	5.19

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	0	1	0	8	1

Management 	Government		Government-aided	
	Number	%	Number	%
	887	78.01	250	21.99

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.60	35.34	35.87	37.18	32.18	36.17	33.57	34.07	25.56	36.58	32.66

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.12
SCI704	Conducts simple investigation to seek answers to queries	23.33
SCI705	Relates processes and phenomenon with causes	41.19
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	24.63
SCI710	Plots and interprets graphs	31.35
SCI711	Constructs models using materials from surroundings and explains their working	27.39
SCI801	Differentiates materials, organism and processes	41.03
SCI804	Relates processes and phenomenon with causes	43.96
SCI805	Explains processes and phenomenon	28.33
SCI807	Measures angles of incidence and reflection, etc.	31.49
SCI811	Applies learning of scientific concepts in day-to-day life	39.40
SCI813	Makes efforts to protect environment	51.19

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
463	40.72	470	41.34	179	15.74	25	2.20

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (23.33)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (24.63)
- 3 - Constructs models using materials from surroundings and explains their working (27.39)
- 4 - Explains processes and phenomenon (28.33)
- 5 - Plots and interprets graphs (31.35)