



District Report Card: 2017


State: Tamil Nadu	District: Vellore
Class: 8	Subject: Science
Schools: 51	Students: 1234


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys			Girls		
	Number		%	Number		%
	608		49.27	626		50.73

<div>AREA</div> <div></div>	Rural			Urban		
	Number		%	Number		%
	499		40.44	735		59.56

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	293	23.74	11	0.89	907	73.50	23	1.86

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	7	0	4	1	1	1

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	757		61.35	477		38.65

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
33.77	33.23	34.29	33.11	34.22	32.49	35.81	35.84	35.76	33.27	26.09

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.93
SCI704	Conducts simple investigation to seek answers to queries	20.82
SCI705	Relates processes and phenomenon with causes	39.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	23.10
SCI710	Plots and interprets graphs	30.77
SCI711	Constructs models using materials from surroundings and explains their working	27.56
SCI801	Differentiates materials, organism and processes	37.91
SCI804	Relates processes and phenomenon with causes	43.91
SCI805	Explains processes and phenomenon	26.84
SCI807	Measures angles of incidence and reflection, etc.	30.63
SCI811	Applies learning of scientific concepts in day-to-day life	38.22
SCI813	Makes efforts to protect environment	47.00

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
543	44.00	522	42.30	136	11.02	33	2.67

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (20.82)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (23.10)
- 3 - Explains processes and phenomenon (26.84)
- 4 - Constructs models using materials from surroundings and explains their working (27.56)
- 5 - Measures angles of incidence and reflection, etc. (30.63)