



District Report Card: 2017


State: Tamil Nadu	District: Erode
Class: 8	Subject: Science
Schools: 51	Students: 1020


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	510	50.00	510	50.00

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	622	60.98	398	39.02

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	330	32.35	9	0.88	652	63.92	29	2.84

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	1	1	0	1	1

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	796	78.04	224	21.96

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.95	37.41	36.50	37.18	36.60	35.82	40.98	35.76	37.78	37.55	37.01

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.33
SCI704	Conducts simple investigation to seek answers to queries	22.49
SCI705	Relates processes and phenomenon with causes	43.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	27.84
SCI710	Plots and interprets graphs	31.65
SCI711	Constructs models using materials from surroundings and explains their working	28.16
SCI801	Differentiates materials, organism and processes	41.76
SCI804	Relates processes and phenomenon with causes	49.71
SCI805	Explains processes and phenomenon	29.18
SCI807	Measures angles of incidence and reflection, etc.	28.82
SCI811	Applies learning of scientific concepts in day-to-day life	41.34
SCI813	Makes efforts to protect environment	56.96

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
377	36.96	428	41.96	197	19.31	18	1.76

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.49)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (27.84)
- 3 - Constructs models using materials from surroundings and explains their working (28.16)
- 4 - Measures angles of incidence and reflection, etc. (28.82)
- 5 - Explains processes and phenomenon (29.18)