



District Report Card: 2017


State: Tamil Nadu	District: The Nilgiris
Class: 8	Subject: Science
Schools: 51	Students: 949


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	420	44.26	529	55.74

 AREA	Rural		Urban	
	Number	%	Number	%
	466	49.10	483	50.90

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	478	50.37	90	9.48	332	34.98	49	5.16

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	1	0	1	5	2

 Management	Government		Government-aided	
	Number	%	Number	%
	500	52.69	449	47.31

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.48	33.83	35.00	33.26	35.65	33.56	35.50	33.72	29.41	36.99	34.15

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.99
SCI704	Conducts simple investigation to seek answers to queries	23.40
SCI705	Relates processes and phenomenon with causes	39.96
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	19.70
SCI710	Plots and interprets graphs	25.47
SCI711	Constructs models using materials from surroundings and explains their working	27.97
SCI801	Differentiates materials, organism and processes	41.11
SCI804	Relates processes and phenomenon with causes	39.04
SCI805	Explains processes and phenomenon	27.91
SCI807	Measures angles of incidence and reflection, etc.	23.50
SCI811	Applies learning of scientific concepts in day-to-day life	37.35
SCI813	Makes efforts to protect environment	61.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
369	38.88	455	47.95	111	11.70	14	1.48

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. (19.70)
- 2 - Conducts simple investigation to seek answers to queries (23.40)
- 3 - Measures angles of incidence and reflection, etc. (23.50)
- 4 - Plots and interprets graphs (25.47)
- 5 - Explains processes and phenomenon (27.91)