



District Report Card: 2017


State: Kerala	District: Idukki
Class: 8	Subject: Science
Schools: 51	Students: 1226


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	622	50.73	604	49.27

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1173	95.68	53	4.32

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	142	11.58	137	11.17	405	33.03	542	44.21

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	1	1	0	1	5

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	436	35.56	790	64.44

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
44.13	44.44	43.82	44.17	43.27	43.38	44.55	41.78	43.89	43.74	45.10

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	46.31
SCI704	Conducts simple investigation to seek answers to queries	42.27
SCI705	Relates processes and phenomenon with causes	38.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.53
SCI710	Plots and interprets graphs	27.97
SCI711	Constructs models using materials from surroundings and explains their working	28.47
SCI801	Differentiates materials, organism and processes	55.49
SCI804	Relates processes and phenomenon with causes	32.71
SCI805	Explains processes and phenomenon	43.77
SCI807	Measures angles of incidence and reflection, etc.	49.35
SCI811	Applies learning of scientific concepts in day-to-day life	39.47
SCI813	Makes efforts to protect environment	53.43

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
349	28.47	478	38.99	227	18.52	172	14.03

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (27.97)
- 2 - Constructs models using materials from surroundings and explains their working (28.47)
- 3 - Relates processes and phenomenon with causes (32.71)
- 4 - Relates processes and phenomenon with causes (38.67)
- 5 - Applies learning of scientific concepts in day-to-day life (39.47)