



### District Report Card: 2017


<b>State:</b> Kerala	<b>District:</b> Thiruvananthapuram
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1335


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	759	56.85	576	43.15

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1004	75.21	331	24.79

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	197	14.76	23	1.72	865	64.79	250	18.73

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	1	0	2	11	12

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	723	54.16	612	45.84

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.24	52.66	51.69	50.08	58.79	53.82	50.37	52.49	59.71	50.41	57.68

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	57.12
SCI704	Conducts simple investigation to seek answers to queries	34.62
SCI705	Relates processes and phenomenon with causes	52.26
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.51
SCI710	Plots and interprets graphs	54.85
SCI711	Constructs models using materials from surroundings and explains their working	51.76
SCI801	Differentiates materials, organism and processes	63.34
SCI804	Relates processes and phenomenon with causes	55.00
SCI805	Explains processes and phenomenon	44.67
SCI807	Measures angles of incidence and reflection, etc.	56.78
SCI811	Applies learning of scientific concepts in day-to-day life	44.21
SCI813	Makes efforts to protect environment	69.51

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
238	17.83	388	29.06	511	38.28	198	14.83

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (34.62)
- 2 - Applies learning of scientific concepts in day-to-day life (44.21)
- 3 - Explains processes and phenomenon (44.67)
- 4 - Constructs models using materials from surroundings and explains their working (51.76)
- 5 - Relates processes and phenomenon with causes (52.26)