



### District Report Card: 2017


<b>State:</b> Kerala	<b>District:</b> Alappuzha
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1342


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	690	51.42	652	48.58

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	997	74.29	345	25.71

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	155	11.55	7	0.52	905	67.44	275	20.49

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	7	4	3	3	9	3

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	257	19.15	1085	80.85

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.20	38.30	40.14	39.37	38.69	40.39	38.91	38.24	46.67	38.95	40.36

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.80
SCI704	Conducts simple investigation to seek answers to queries	26.37
SCI705	Relates processes and phenomenon with causes	38.58
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.31
SCI710	Plots and interprets graphs	28.02
SCI711	Constructs models using materials from surroundings and explains their working	34.07
SCI801	Differentiates materials, organism and processes	54.78
SCI804	Relates processes and phenomenon with causes	39.97
SCI805	Explains processes and phenomenon	30.61
SCI807	Measures angles of incidence and reflection, etc.	40.61
SCI811	Applies learning of scientific concepts in day-to-day life	32.60
SCI813	Makes efforts to protect environment	61.03

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
429	31.97	542	40.39	347	25.86	24	1.79

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (26.37)
- 2 - Plots and interprets graphs (28.02)
- 3 - Explains processes and phenomenon (30.61)
- 4 - Applies learning of scientific concepts in day-to-day life (32.60)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (33.31)