



### District Report Card: 2017


<b>State:</b> Kerala	<b>District:</b> Kasaragod
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1318


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	652	49.47	666	50.53

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1117	84.75	201	15.25

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	55	4.17	102	7.74	929	70.49	232	17.60

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	6	1	1	3	2

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	875	66.39	443	33.61

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.43	39.09	39.76	39.44	39.37	39.12	40.03	37.09	34.31	38.98	44.02

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.71
SCI704	Conducts simple investigation to seek answers to queries	27.91
SCI705	Relates processes and phenomenon with causes	35.42
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	36.12
SCI710	Plots and interprets graphs	30.11
SCI711	Constructs models using materials from surroundings and explains their working	28.26
SCI801	Differentiates materials, organism and processes	54.62
SCI804	Relates processes and phenomenon with causes	35.02
SCI805	Explains processes and phenomenon	32.44
SCI807	Measures angles of incidence and reflection, etc.	38.47
SCI811	Applies learning of scientific concepts in day-to-day life	34.83
SCI813	Makes efforts to protect environment	61.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
414	31.41	558	42.34	313	23.75	33	2.50

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.91)
- 2 - Constructs models using materials from surroundings and explains their working (28.26)
- 3 - Plots and interprets graphs (30.11)
- 4 - Explains processes and phenomenon (32.44)
- 5 - Applies learning of scientific concepts in day-to-day life (34.83)