



District Report Card: 2017


State: Kerala	District: Palakkad
Class: 8	Subject: Science
Schools: 49	Students: 1252


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	595	47.52	657	52.48

AREA 	Rural		Urban	
	Number	%	Number	%
	1252	100.00	0	0.00

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	176	14.06	41	3.27	923	73.72	112	8.95

CWSN 	LD	VI	HI	S&LD	ID	Oth
	6	3	0	1	6	6

Management 	Government		Government-aided	
	Number	%	Number	%
	514	41.05	738	58.95

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.97	34.82	37.02	35.97	0.00	35.08	36.59	34.96	33.50	35.85	39.52

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.65
SCI704	Conducts simple investigation to seek answers to queries	27.18
SCI705	Relates processes and phenomenon with causes	35.01
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	27.24
SCI710	Plots and interprets graphs	28.33
SCI711	Constructs models using materials from surroundings and explains their working	29.58
SCI801	Differentiates materials, organism and processes	51.42
SCI804	Relates processes and phenomenon with causes	32.55
SCI805	Explains processes and phenomenon	28.95
SCI807	Measures angles of incidence and reflection, etc.	38.50
SCI811	Applies learning of scientific concepts in day-to-day life	30.70
SCI813	Makes efforts to protect environment	55.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
493	39.38	516	41.21	232	18.53	11	0.88

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.18)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (27.24)
- 3 - Plots and interprets graphs (28.33)
- 4 - Explains processes and phenomenon (28.95)
- 5 - Constructs models using materials from surroundings and explains their working (29.58)