



District Report Card: 2017


State: Kerala	District: Malappuram
Class: 8	Subject: Science
Schools: 50	Students: 1298


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	621	47.84	677	52.16

AREA 	Rural		Urban	
	Number	%	Number	%
	1065	82.05	233	17.95

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	98	7.55	11	0.85	1152	88.75	37	2.85

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	4	2	2	1	1

Management 	Government		Government-aided	
	Number	%	Number	%
	462	35.59	836	64.41

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.40	39.57	41.16	39.98	42.32	38.87	41.24	40.88	34.55	40.15	48.65

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.61
SCI704	Conducts simple investigation to seek answers to queries	33.25
SCI705	Relates processes and phenomenon with causes	35.80
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	41.99
SCI710	Plots and interprets graphs	26.30
SCI711	Constructs models using materials from surroundings and explains their working	28.50
SCI801	Differentiates materials, organism and processes	55.49
SCI804	Relates processes and phenomenon with causes	40.00
SCI805	Explains processes and phenomenon	28.30
SCI807	Measures angles of incidence and reflection, etc.	45.99
SCI811	Applies learning of scientific concepts in day-to-day life	35.87
SCI813	Makes efforts to protect environment	63.48

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
389	29.97	526	40.52	351	27.04	32	2.47

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (26.30)
- 2 - Explains processes and phenomenon (28.30)
- 3 - Constructs models using materials from surroundings and explains their working (28.50)
- 4 - Conducts simple investigation to seek answers to queries (33.25)
- 5 - Relates processes and phenomenon with causes (35.80)