



District Report Card: 2017


State: Puducherry	District: Karaikal
Class: 8	Subject: Science
Schools: 22	Students: 460


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	250	54.35	210	45.65

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	369	80.22	91	19.78

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	166	36.09	1	0.22	276	60.00	17	3.70

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	0	0	0	0	0	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	444	96.52	16	3.48

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
31.26	30.91	31.68	32.38	26.74	31.46	25.83	30.72	26.67	31.96	25.49

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	32.51
SCI704	Conducts simple investigation to seek answers to queries	19.91
SCI705	Relates processes and phenomenon with causes	35.90
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	19.78
SCI710	Plots and interprets graphs	28.88
SCI711	Constructs models using materials from surroundings and explains their working	25.86
SCI801	Differentiates materials, organism and processes	31.39
SCI804	Relates processes and phenomenon with causes	41.81
SCI805	Explains processes and phenomenon	27.33
SCI807	Measures angles of incidence and reflection, etc.	22.39
SCI811	Applies learning of scientific concepts in day-to-day life	37.41
SCI813	Makes efforts to protect environment	48.70

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
246	53.48	176	38.26	29	6.30	9	1.96

Lowest Performing Learning Outcomes (LOs)

- 1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (19.78)
- 2 - Conducts simple investigation to seek answers to queries (19.91)
- 3 - Measures angles of incidence and reflection, etc. (22.39)
- 4 - Constructs models using materials from surroundings and explains their working (25.86)
- 5 - Explains processes and phenomenon (27.33)