



District Report Card: 2017


State: Karnataka	District: Mandya
Class: 8	Subject: Science
Schools: 51	Students: 1410


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	772	54.75	638	45.25

 AREA	Rural		Urban	
	Number	%	Number	%
	1218	86.38	192	13.62

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	238	16.88	24	1.70	1113	78.94	35	2.48

 CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	1	1	0	20

 Management	Government		Government-aided	
	Number	%	Number	%
	953	67.59	457	32.41

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.06	47.31	46.76	47.02	47.33	45.38	50.58	47.84	48.33	47.02	42.29

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.17
SCI704	Conducts simple investigation to seek answers to queries	31.16
SCI705	Relates processes and phenomenon with causes	47.75
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	44.40
SCI710	Plots and interprets graphs	42.27
SCI711	Constructs models using materials from surroundings and explains their working	43.40
SCI801	Differentiates materials, organism and processes	57.23
SCI804	Relates processes and phenomenon with causes	55.74
SCI805	Explains processes and phenomenon	43.92
SCI807	Measures angles of incidence and reflection, etc.	44.40
SCI811	Applies learning of scientific concepts in day-to-day life	40.77
SCI813	Makes efforts to protect environment	72.06

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
385	27.30	424	30.07	433	30.71	168	11.91

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (31.16)
- 2 - Applies learning of scientific concepts in day-to-day life (40.77)
- 3 - Plots and interprets graphs (42.27)
- 4 - Constructs models using materials from surroundings and explains their working (43.40)
- 5 - Explains processes and phenomenon (43.92)