



District Report Card: 2017


State: Telangana	District: NIRMAL
Class: 8	Subject: Science
Schools: 51	Students: 1340


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	574	42.84	766	57.16

AREA 	Rural		Urban	
	Number	%	Number	%
	1186	88.51	154	11.49

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	291	21.72	186	13.88	732	54.63	131	9.78

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	2	0	0	0	3

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1338	99.85	2	0.15

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.40	38.89	41.54	39.61	46.49	40.44	13.33	37.41	43.91	40.26	42.90

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.72
SCI704	Conducts simple investigation to seek answers to queries	24.89
SCI705	Relates processes and phenomenon with causes	50.00
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	41.57
SCI710	Plots and interprets graphs	39.32
SCI711	Constructs models using materials from surroundings and explains their working	37.69
SCI801	Differentiates materials, organism and processes	36.57
SCI804	Relates processes and phenomenon with causes	52.08
SCI805	Explains processes and phenomenon	34.70
SCI807	Measures angles of incidence and reflection, etc.	34.03
SCI811	Applies learning of scientific concepts in day-to-day life	44.89
SCI813	Makes efforts to protect environment	57.39

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
499	37.24	436	32.54	320	23.88	85	6.34

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (24.89)
2. Measures angles of incidence and reflection, etc. (34.03)
3. Explains processes and phenomenon (34.7)
4. Differentiates materials, organism and processes (36.57)
5. Constructs models using materials from surroundings and explains their working (37.69)