



District Report Card: 2017


State: Telangana	District: MANCHERIAL
Class: 8	Subject: Science
Schools: 50	Students: 1164


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	530	45.53	634	54.47

AREA 	Rural		Urban	
	Number	%	Number	%
	992	85.22	172	14.78

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	438	37.63	154	13.23	528	45.36	44	3.78

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	0	1	0	1	22

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1111	95.45	53	4.55

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.17	40.62	39.79	38.81	47.98	40.03	43.02	37.18	38.27	43.31	38.79

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.45
SCI704	Conducts simple investigation to seek answers to queries	26.16
SCI705	Relates processes and phenomenon with causes	49.06
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	42.35
SCI710	Plots and interprets graphs	38.33
SCI711	Constructs models using materials from surroundings and explains their working	34.41
SCI801	Differentiates materials, organism and processes	38.63
SCI804	Relates processes and phenomenon with causes	44.80
SCI805	Explains processes and phenomenon	32.82
SCI807	Measures angles of incidence and reflection, etc.	41.24
SCI811	Applies learning of scientific concepts in day-to-day life	45.30
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	%
425	36.51	387	33.25	275	23.63	77	6.62

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (26.16)
2. Explains processes and phenomenon (32.82)
3. Constructs models using materials from surroundings and explains their working (34.41)
4. Plots and interprets graphs (38.33)
5. Classifies materials and organisms based on properties/characteristics (38.45)