



District Report Card: 2017


State: Telangana	District: MEDAK
Class: 8	Subject: Science
Schools: 51	Students: 1294

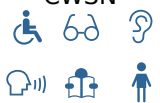
Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	620	47.91	674	52.09

AREA 	Rural		Urban	
	Number	%	Number	%
	1180	91.19	114	8.81

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	248	19.17	201	15.53	796	61.51	49	3.79

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	1	0	4	1	1

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1294	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.03	34.22	37.71	36.64	29.71	36.03	0.00	34.81	29.65	38.17	33.61

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.21
SCI704	Conducts simple investigation to seek answers to queries	22.53
SCI705	Relates processes and phenomenon with causes	45.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	31.22
SCI710	Plots and interprets graphs	30.28
SCI711	Constructs models using materials from surroundings and explains their working	28.59
SCI801	Differentiates materials, organism and processes	29.13
SCI804	Relates processes and phenomenon with causes	46.94
SCI805	Explains processes and phenomenon	37.33
SCI807	Measures angles of incidence and reflection, etc.	32.07
SCI811	Applies learning of scientific concepts in day-to-day life	38.02
SCI813	Makes efforts to protect environment	57.96

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
533	41.19	485	37.48	239	18.47	37	2.86

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (22.53)
2. Constructs models using materials from surroundings and explains their working (28.59)
3. Differentiates materials, organism and processes (29.13)
4. Plots and interprets graphs (30.28)
5. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (31.22)