



District Report Card: 2017


State: Telangana	District: NAGARKURNOOL
Class: 8	Subject: Science
Schools: 51	Students: 1272


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	583	45.83	689	54.17

AREA 	Rural		Urban	
	Number	%	Number	%
	1040	81.76	232	18.24

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	354	27.83	174	13.68	697	54.80	47	3.69

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	2	1	7	1	26

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1228	96.54	44	3.46

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.79	36.65	35.07	35.24	38.25	35.81	35.30	33.75	37.05	36.47	36.45

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.59
SCI704	Conducts simple investigation to seek answers to queries	21.27
SCI705	Relates processes and phenomenon with causes	45.08
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	34.67
SCI710	Plots and interprets graphs	28.89
SCI711	Constructs models using materials from surroundings and explains their working	27.14
SCI801	Differentiates materials, organism and processes	34.01
SCI804	Relates processes and phenomenon with causes	39.21
SCI805	Explains processes and phenomenon	36.24
SCI807	Measures angles of incidence and reflection, etc.	30.19
SCI811	Applies learning of scientific concepts in day-to-day life	40.15
SCI813	Makes efforts to protect environment	53.85

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
538	42.30	500	39.31	191	15.02	43	3.38

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (21.27)
2. Constructs models using materials from surroundings and explains their working (27.14)
3. Plots and interprets graphs (28.89)
4. Measures angles of incidence and reflection, etc. (30.19)
5. Differentiates materials, organism and processes (34.01)