



### District Report Card: 2017


<b>State:</b> Telangana	<b>District:</b> NALGONDA
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1281

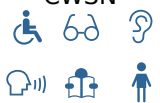
### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	458	35.75	823	64.25

AREA 	Rural		Urban	
	Number	%	Number	%
	957	74.71	324	25.29

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	298	23.26	272	21.23	659	51.44	52	4.06

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	2	0	0	1	109

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1220	95.24	61	4.76

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.80	35.62	35.90	36.49	33.77	35.23	47.10	34.23	38.73	35.12	38.08

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.25
SCI704	Conducts simple investigation to seek answers to queries	25.96
SCI705	Relates processes and phenomenon with causes	45.67
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	31.77
SCI710	Plots and interprets graphs	33.28
SCI711	Constructs models using materials from surroundings and explains their working	27.40
SCI801	Differentiates materials, organism and processes	34.76
SCI804	Relates processes and phenomenon with causes	43.19
SCI805	Explains processes and phenomenon	32.32
SCI807	Measures angles of incidence and reflection, etc.	34.11
SCI811	Applies learning of scientific concepts in day-to-day life	40.03
SCI813	Makes efforts to protect environment	48.87

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
543	42.39	477	37.24	220	17.17	41	3.20

## Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (25.96)
2. Constructs models using materials from surroundings and explains their working (27.4)
3. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (31.77)
4. Explains processes and phenomenon (32.32)
5. Plots and interprets graphs (33.28)