



### District Report Card: 2017


<b>State:</b> Telangana	<b>District:</b> NIZAMABAD
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1161


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	518	44.62	643	55.38

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	915	78.81	246	21.19

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	232	19.98	162	13.95	635	54.69	132	11.37

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	0	4	3	2	2

<b>MANAGEMENT</b> 	Government		Government-aided	
	Number	%	Number	%
	1085	93.45	76	6.55

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>41.53</b>	<b>41.33</b>	<b>41.70</b>	<b>40.81</b>	<b>44.23</b>	<b>41.48</b>	<b>42.28</b>	<b>40.92</b>	<b>40.16</b>	<b>43.14</b>	<b>36.57</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.31
SCI704	Conducts simple investigation to seek answers to queries	25.11
SCI705	Relates processes and phenomenon with causes	54.48
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	41.86
SCI710	Plots and interprets graphs	37.07
SCI711	Constructs models using materials from surroundings and explains their working	32.59
SCI801	Differentiates materials, organism and processes	38.33
SCI804	Relates processes and phenomenon with causes	47.76
SCI805	Explains processes and phenomenon	36.43
SCI807	Measures angles of incidence and reflection, etc.	34.02
SCI811	Applies learning of scientific concepts in day-to-day life	48.21
SCI813	Makes efforts to protect environment	59.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
389	33.51	383	32.99	306	26.36	83	7.15

## Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (25.11)
2. Constructs models using materials from surroundings and explains their working (32.59)
3. Measures angles of incidence and reflection, etc. (34.02)
4. Explains processes and phenomenon (36.43)
5. Plots and interprets graphs (37.07)