



### District Report Card: 2017


<b>State:</b> Telangana	<b>District:</b> KHAMMAM
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1267


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	572	45.15	695	54.85

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	992	78.30	275	21.70

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	373	29.44	310	24.47	553	43.65	31	2.45

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	1	2	2	4	24

<b>MANAGEMENT</b> 	Government		Government-aided	
	Number	%	Number	%
	1198	94.55	69	5.45

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.40	41.77	39.27	40.61	39.64	40.71	34.98	39.03	36.62	43.75	34.84

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	38.28
SCI704	Conducts simple investigation to seek answers to queries	26.52
SCI705	Relates processes and phenomenon with causes	53.45
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	36.94
SCI710	Plots and interprets graphs	37.46
SCI711	Constructs models using materials from surroundings and explains their working	35.74
SCI801	Differentiates materials, organism and processes	33.78
SCI804	Relates processes and phenomenon with causes	44.04
SCI805	Explains processes and phenomenon	42.30
SCI807	Measures angles of incidence and reflection, etc.	34.73
SCI811	Applies learning of scientific concepts in day-to-day life	44.46
SCI813	Makes efforts to protect environment	57.46

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
467	36.86	440	34.73	264	20.84	96	7.58

### Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (26.52)
2. Differentiates materials, organism and processes (33.78)
3. Measures angles of incidence and reflection, etc. (34.73)
4. Constructs models using materials from surroundings and explains their working (35.74)
5. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (36.94)