



### District Report Card: 2017


<b>State:</b> Telangana	<b>District:</b> JAGTIAL
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1159


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	531	45.82	628	54.18

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1029	88.78	130	11.22

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	270	23.30	60	5.18	738	63.68	91	7.85

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	1	4	3	1	1

<b>MANAGEMENT</b> 	Government		Government-aided	
	Number	%	Number	%
	1158	99.91	1	0.09

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.27	37.69	35.07	35.52	42.26	36.29	20.00	35.70	36.67	36.40	36.70

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.37
SCI704	Conducts simple investigation to seek answers to queries	26.49
SCI705	Relates processes and phenomenon with causes	44.88
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	33.13
SCI710	Plots and interprets graphs	33.28
SCI711	Constructs models using materials from surroundings and explains their working	24.23
SCI801	Differentiates materials, organism and processes	30.92
SCI804	Relates processes and phenomenon with causes	42.32
SCI805	Explains processes and phenomenon	33.91
SCI807	Measures angles of incidence and reflection, etc.	31.75
SCI811	Applies learning of scientific concepts in day-to-day life	36.19
SCI813	Makes efforts to protect environment	58.15

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
476	41.07	449	38.74	202	17.43	32	2.76

### Lowest Performing Learning Outcomes (LOs)

1. Constructs models using materials from surroundings and explains their working (24.23)
2. Conducts simple investigation to seek answers to queries (26.49)
3. Differentiates materials, organism and processes (30.92)
4. Measures angles of incidence and reflection, etc. (31.75)
5. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (33.13)