



### District Report Card: 2017


<b>State:</b> Telangana	<b>District:</b> JAYASHANKAR
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1160


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	479	41.29	681	58.71

AREA 	Rural		Urban	
	Number	%	Number	%
	1149	99.05	11	0.95

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	276	23.79	309	26.64	531	45.78	44	3.79

CWSN 	LD	VI	HI	S&LD	ID	Oth
	4	1	5	1	1	4

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1155	99.57	5	0.43

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
32.17	34.39	30.61	32.07	42.42	32.19	28.00	31.06	30.66	33.46	34.24

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	32.97
SCI704	Conducts simple investigation to seek answers to queries	22.24
SCI705	Relates processes and phenomenon with causes	39.32
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	24.05
SCI710	Plots and interprets graphs	27.46
SCI711	Constructs models using materials from surroundings and explains their working	22.20
SCI801	Differentiates materials, organism and processes	29.45
SCI804	Relates processes and phenomenon with causes	37.97
SCI805	Explains processes and phenomenon	32.07
SCI807	Measures angles of incidence and reflection, etc.	30.26
SCI811	Applies learning of scientific concepts in day-to-day life	37.44
SCI813	Makes efforts to protect environment	47.59

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
554	47.76	467	40.26	133	11.47	6	0.52

## Lowest Performing Learning Outcomes (LOs)

1. Constructs models using materials from surroundings and explains their working (22.2)
2. Conducts simple investigation to seek answers to queries (22.24)
3. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (24.05)
4. Plots and interprets graphs (27.46)
5. Differentiates materials, organism and processes (29.45)