



### District Report Card: 2017


<b>State:</b> Andhra Pradesh	<b>District:</b> Vizianagaram
<b>Class:</b> 8	<b>Subject:</b> Science
<b>Schools:</b> 51	<b>Students:</b> 1236


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	518	41.91	718	58.09

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	1106	89.48	130	10.52

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	181	14.64	207	16.75	785	63.51	63	5.10

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	0	2	0	1	0	69

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	1236	100.00	0	0.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.99	46.16	49.31	50.01	30.82	47.99	0.00	39.93	51.27	49.32	43.81

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.60
SCI704	Conducts simple investigation to seek answers to queries	29.62
SCI705	Relates processes and phenomenon with causes	49.60
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	52.67
SCI710	Plots and interprets graphs	50.24
SCI711	Constructs models using materials from surroundings and explains their working	44.23
SCI801	Differentiates materials, organism and processes	56.12
SCI804	Relates processes and phenomenon with causes	58.70
SCI805	Explains processes and phenomenon	42.11
SCI807	Measures angles of incidence and reflection, etc.	47.90
SCI811	Applies learning of scientific concepts in day-to-day life	51.79
SCI813	Makes efforts to protect environment	50.73

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
338	27.35	339	27.43	378	30.58	181	14.64

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (29.62)
- 2 - Explains processes and phenomenon (42.11)
- 3 - Constructs models using materials from surroundings and explains their working (44.23)
- 4 - Classifies materials and organisms based on properties/characteristics (45.60)
- 5 - Measures angles of incidence and reflection, etc. (47.90)