



District Report Card: 2017


State: Andhra Pradesh	District: Visakhapatnam
Class: 8	Subject: Science
Schools: 50	Students: 1170


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	569	48.63	601	51.37

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	849	72.56	321	27.44

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	106	9.06	278	23.76	579	49.49	207	17.69

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	3	2	3	3	25

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1115	95.30	55	4.70

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
43.93	39.66	47.96	44.81	41.60	44.63	29.58	42.83	36.24	44.82	52.30

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.27
SCI704	Conducts simple investigation to seek answers to queries	29.06
SCI705	Relates processes and phenomenon with causes	43.62
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.97
SCI710	Plots and interprets graphs	45.42
SCI711	Constructs models using materials from surroundings and explains their working	38.73
SCI801	Differentiates materials, organism and processes	54.73
SCI804	Relates processes and phenomenon with causes	51.94
SCI805	Explains processes and phenomenon	37.02
SCI807	Measures angles of incidence and reflection, etc.	40.60
SCI811	Applies learning of scientific concepts in day-to-day life	45.80
SCI813	Makes efforts to protect environment	48.46

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
370	31.62	366	31.28	312	26.67	122	10.43

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (29.06)
- 2 - Explains processes and phenomenon (37.02)
- 3 - Constructs models using materials from surroundings and explains their working (38.73)
- 4 - Measures angles of incidence and reflection, etc. (40.60)
- 5 - Classifies materials and organisms based on properties/characteristics (43.27)