



District Report Card: 2017


State: Andhra Pradesh	District: Krishna
Class: 8	Subject: Science
Schools: 50	Students: 1158


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	531	45.85	627	54.15

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	856	73.92	302	26.08

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	427	36.87	50	4.32	561	48.45	120	10.36

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	3	0	1	0	1	75

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1027	88.69	131	11.31

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.16	46.13	44.34	47.68	38.01	46.45	35.06	47.14	31.20	45.07	44.33

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.03
SCI704	Conducts simple investigation to seek answers to queries	33.10
SCI705	Relates processes and phenomenon with causes	40.22
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.30
SCI710	Plots and interprets graphs	41.67
SCI711	Constructs models using materials from surroundings and explains their working	36.56
SCI801	Differentiates materials, organism and processes	50.47
SCI804	Relates processes and phenomenon with causes	52.55
SCI805	Explains processes and phenomenon	41.03
SCI807	Measures angles of incidence and reflection, etc.	45.25
SCI811	Applies learning of scientific concepts in day-to-day life	48.01
SCI813	Makes efforts to protect environment	49.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
341	29.45	383	33.07	282	24.35	152	13.13

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (33.10)
- 2 - Constructs models using materials from surroundings and explains their working (36.56)
- 3 - Relates processes and phenomenon with causes (40.22)
- 4 - Explains processes and phenomenon (41.03)
- 5 - Plots and interprets graphs (41.67)