



District Report Card: 2017


State: Andhra Pradesh	District: Nellore
Class: 8	Subject: Science
Schools: 51	Students: 1204


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	617	51.25	587	48.75

 AREA	Rural		Urban	
	Number	%	Number	%
	1028	85.38	176	14.62

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	369	30.65	208	17.28	520	43.19	107	8.89

 CWSN	LD	VI	HI	S&LD	ID	Oth
	5	4	0	0	3	7

 Management	Government		Government-aided	
	Number	%	Number	%
	1184	98.34	20	1.66

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
43.54	44.41	42.62	43.64	42.95	43.35	54.67	42.13	38.75	45.13	49.97

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.85
SCI704	Conducts simple investigation to seek answers to queries	25.54
SCI705	Relates processes and phenomenon with causes	44.18
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.75
SCI710	Plots and interprets graphs	32.41
SCI711	Constructs models using materials from surroundings and explains their working	37.81
SCI801	Differentiates materials, organism and processes	51.69
SCI804	Relates processes and phenomenon with causes	50.74
SCI805	Explains processes and phenomenon	38.62
SCI807	Measures angles of incidence and reflection, etc.	40.70
SCI811	Applies learning of scientific concepts in day-to-day life	48.04
SCI813	Makes efforts to protect environment	47.76

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
345	28.65	411	34.14	359	29.82	89	7.39

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (25.54)
- 2 - Plots and interprets graphs (32.41)
- 3 - Constructs models using materials from surroundings and explains their working (37.81)
- 4 - Explains processes and phenomenon (38.62)
- 5 - Measures angles of incidence and reflection, etc. (40.70)