



District Report Card: 2017


State: Telangana	District: RAJANNA
Class: 8	Subject: Science
Schools: 51	Students: 1077


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	397	36.86	680	63.14

AREA 	Rural		Urban	
	Number	%	Number	%
	940	87.28	137	12.72

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	308	28.60	82	7.61	654	60.72	33	3.06

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	0	2	0	3	25

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1076	99.91	1	0.09

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.91	38.14	34.61	36.99	28.47	35.91	33.33	33.85	26.42	37.85	40.20

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.42
SCI704	Conducts simple investigation to seek answers to queries	25.07
SCI705	Relates processes and phenomenon with causes	43.15
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	34.35
SCI710	Plots and interprets graphs	30.37
SCI711	Constructs models using materials from surroundings and explains their working	30.00
SCI801	Differentiates materials, organism and processes	32.10
SCI804	Relates processes and phenomenon with causes	41.48
SCI805	Explains processes and phenomenon	35.65
SCI807	Measures angles of incidence and reflection, etc.	32.22
SCI811	Applies learning of scientific concepts in day-to-day life	39.28
SCI813	Makes efforts to protect environment	52.27

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
469	43.55	388	36.03	185	17.18	35	3.25

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (25.07)
2. Constructs models using materials from surroundings and explains their working (30)
3. Plots and interprets graphs (30.37)
4. Differentiates materials, organism and processes (32.1)
5. Measures angles of incidence and reflection, etc. (32.22)