



District Report Card: 2017


State: Telangana	District: SURYAPET
Class: 8	Subject: Science
Schools: 51	Students: 1159


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	473	40.81	686	59.19

AREA 	Rural		Urban	
	Number	%	Number	%
	1004	86.63	155	13.37

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	374	32.27	248	21.40	529	45.64	8	0.69

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	1	1	1	3	23

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1103	95.17	56	4.83

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.27	34.46	34.14	35.17	28.47	34.28	34.17	32.94	35.46	34.52	43.33

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.61
SCI704	Conducts simple investigation to seek answers to queries	19.24
SCI705	Relates processes and phenomenon with causes	45.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	30.11
SCI710	Plots and interprets graphs	27.24
SCI711	Constructs models using materials from surroundings and explains their working	23.45
SCI801	Differentiates materials, organism and processes	27.81
SCI804	Relates processes and phenomenon with causes	43.28
SCI805	Explains processes and phenomenon	34.69
SCI807	Measures angles of incidence and reflection, etc.	29.16
SCI811	Applies learning of scientific concepts in day-to-day life	42.62
SCI813	Makes efforts to protect environment	52.29

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
515	44.43	455	39.26	167	14.41	22	1.90

Lowest Performing Learning Outcomes (LOs)

1. Conducts simple investigation to seek answers to queries (19.24)
2. Constructs models using materials from surroundings and explains their working (23.45)
3. Plots and interprets graphs (27.24)
4. Differentiates materials, organism and processes (27.81)
5. Measures angles of incidence and reflection, etc. (29.16)