



District Report Card: 2017


State: Karnataka	District: Yadagiri
Class: 8	Subject: Science
Schools: 51	Students: 1411


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	746	52.87	665	47.13

AREA 	Rural		Urban	
	Number	%	Number	%
	1059	75.05	352	24.95

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	345	24.45	228	16.16	785	55.63	53	3.76

CWSN 	LD	VI	HI	S&LD	ID	Oth
	3	2	3	2	2	1

Management 	Government		Government-aided	
	Number	%	Number	%
	1351	95.75	60	4.25

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
56.47	53.33	59.98	56.83	55.36	56.57	54.22	50.84	57.46	58.87	53.21

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	59.03
SCI704	Conducts simple investigation to seek answers to queries	30.93
SCI705	Relates processes and phenomenon with causes	54.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	72.71
SCI710	Plots and interprets graphs	64.61
SCI711	Constructs models using materials from surroundings and explains their working	56.73
SCI801	Differentiates materials, organism and processes	64.59
SCI804	Relates processes and phenomenon with causes	64.76
SCI805	Explains processes and phenomenon	50.24
SCI807	Measures angles of incidence and reflection, etc.	54.43
SCI811	Applies learning of scientific concepts in day-to-day life	48.85
SCI813	Makes efforts to protect environment	83.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
183	12.97	357	25.30	613	43.44	258	18.28

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (30.93)
- 2 - Applies learning of scientific concepts in day-to-day life (48.85)
- 3 - Explains processes and phenomenon (50.24)
- 4 - Measures angles of incidence and reflection, etc. (54.43)
- 5 - Relates processes and phenomenon with causes (54.52)