



District Report Card: 2017


State: Chhattisgarh	District: Narayanpur
Class: 8	Subject: Science
Schools: 49	Students: 1005


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	495	49.25	510	50.75

 AREA	Rural		Urban	
	Number	%	Number	%
	858	85.37	147	14.63

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	46	4.58	797	79.30	143	14.23	19	1.89

 CWSN	LD	VI	HI	S&LD	ID	Oth
	4	2	19	1	1	1

 Management	Government		Government-aided	
	Number	%	Number	%
	884	87.96	121	12.04

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.98	40.40	41.53	42.60	31.52	41.91	34.16	41.30	40.64	43.36	36.49

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.07
SCI704	Conducts simple investigation to seek answers to queries	35.68
SCI705	Relates processes and phenomenon with causes	40.72
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.09
SCI710	Plots and interprets graphs	43.43
SCI711	Constructs models using materials from surroundings and explains their working	30.08
SCI801	Differentiates materials, organism and processes	43.85
SCI804	Relates processes and phenomenon with causes	42.63
SCI805	Explains processes and phenomenon	37.93
SCI807	Measures angles of incidence and reflection, etc.	41.09
SCI811	Applies learning of scientific concepts in day-to-day life	38.50
SCI813	Makes efforts to protect environment	53.33

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
331	32.94	357	35.52	240	23.88	77	7.66

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (30.08)
- 2 - Conducts simple investigation to seek answers to queries (35.68)
- 3 - Explains processes and phenomenon (37.93)
- 4 - Applies learning of scientific concepts in day-to-day life (38.50)
- 5 - Relates processes and phenomenon with causes (40.72)