



District Report Card: 2017


State: Haryana	District: Karnal
Class: 8	Subject: Science
Schools: 51	Students: 1158


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	546	47.15	612	52.85

 AREA	Rural		Urban	
	Number	%	Number	%
	929	80.22	229	19.78

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	534	46.11	13	1.12	482	41.62	129	11.14

 CWSN	LD	VI	HI	S&LD	ID	Oth
	3	2	14	3	2	4

 Management	Government		Government-aided	
	Number	%	Number	%
	1108	95.68	50	4.32

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.78	39.54	36.21	37.42	39.21	37.92	34.53	38.44	46.15	36.10	40.47

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	31.07
SCI704	Conducts simple investigation to seek answers to queries	29.36
SCI705	Relates processes and phenomenon with causes	32.50
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	36.70
SCI710	Plots and interprets graphs	33.72
SCI711	Constructs models using materials from surroundings and explains their working	23.49
SCI801	Differentiates materials, organism and processes	52.34
SCI804	Relates processes and phenomenon with causes	41.11
SCI805	Explains processes and phenomenon	34.83
SCI807	Measures angles of incidence and reflection, etc.	31.52
SCI811	Applies learning of scientific concepts in day-to-day life	37.10
SCI813	Makes efforts to protect environment	59.84

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
467	40.33	416	35.92	205	17.70	70	6.04

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (23.49)
- 2 - Conducts simple investigation to seek answers to queries (29.36)
- 3 - Classifies materials and organisms based on properties/characteristics (31.07)
- 4 - Measures angles of incidence and reflection, etc. (31.52)
- 5 - Relates processes and phenomenon with causes (32.50)