



District Report Card: 2017


State: Haryana	District: Panchkula
Class: 8	Subject: Science
Schools: 51	Students: 1170


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	538	45.98	632	54.02

 AREA	Rural		Urban	
	Number	%	Number	%
	570	48.72	600	51.28

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	364	31.11	1	0.09	325	27.78	480	41.03

 CWSN	LD	VI	HI	S&LD	ID	Oth
	3	0	0	0	5	2

 Management	Government		Government-aided	
	Number	%	Number	%
	1094	93.50	76	6.50

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
40.18	38.18	41.89	40.30	40.07	40.18	40.26	38.24	33.33	40.55	41.42

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.41
SCI704	Conducts simple investigation to seek answers to queries	32.68
SCI705	Relates processes and phenomenon with causes	39.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.50
SCI710	Plots and interprets graphs	33.72
SCI711	Constructs models using materials from surroundings and explains their working	25.38
SCI801	Differentiates materials, organism and processes	56.55
SCI804	Relates processes and phenomenon with causes	45.91
SCI805	Explains processes and phenomenon	33.43
SCI807	Measures angles of incidence and reflection, etc.	30.00
SCI811	Applies learning of scientific concepts in day-to-day life	40.72
SCI813	Makes efforts to protect environment	62.31

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
387	33.08	464	39.66	258	22.05	61	5.21

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (25.38)
- 2 - Measures angles of incidence and reflection, etc. (30.00)
- 3 - Conducts simple investigation to seek answers to queries (32.68)
- 4 - Classifies materials and organisms based on properties/characteristics (33.41)
- 5 - Explains processes and phenomenon (33.43)