



District Report Card: 2017


State: Punjab	District: Nawanshahr
Class: 8	Subject: Science
Schools: 51	Students: 1168


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	575		49.23		593		50.77	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1038		88.87		130		11.13	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	761	65.15	5	0.43	232	19.86	170	14.55

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	0	1	4	0	31

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1055		90.33	113		9.67

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.60	35.93	37.25	36.36	38.51	36.23	40.06	36.64	36.00	37.96	34.59

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	28.29
SCI704	Conducts simple investigation to seek answers to queries	30.22
SCI705	Relates processes and phenomenon with causes	30.74
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.73
SCI710	Plots and interprets graphs	31.41
SCI711	Constructs models using materials from surroundings and explains their working	19.69
SCI801	Differentiates materials, organism and processes	50.90
SCI804	Relates processes and phenomenon with causes	32.94
SCI805	Explains processes and phenomenon	30.74
SCI807	Measures angles of incidence and reflection, etc.	31.76
SCI811	Applies learning of scientific concepts in day-to-day life	38.04
SCI813	Makes efforts to protect environment	64.55

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
459	39.30	416	35.62	244	20.89	49	4.20

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (19.69)
- 2 - Classifies materials and organisms based on properties/characteristics (28.29)
- 3 - Conducts simple investigation to seek answers to queries (30.22)
- 4 - Relates processes and phenomenon with causes (30.74)
- 5 - Explains processes and phenomenon (30.74)