



District Report Card: 2017


State: Himachal Pradesh	District: Solan
Class: 8	Subject: Science
Schools: 50	Students: 1115


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	493	44.22	622	55.78

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	997	89.42	118	10.58

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	441	39.55	38	3.41	45	4.04	591	53.00

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	2	0	1	4	6

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1115	100.00	0	0.00

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
47.92	48.76	47.25	47.06	55.14	47.92	0.00	47.91	39.47	53.78	48.02

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.39
SCI704	Conducts simple investigation to seek answers to queries	38.19
SCI705	Relates processes and phenomenon with causes	42.21
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	46.28
SCI710	Plots and interprets graphs	45.91
SCI711	Constructs models using materials from surroundings and explains their working	24.02
SCI801	Differentiates materials, organism and processes	69.23
SCI804	Relates processes and phenomenon with causes	53.74
SCI805	Explains processes and phenomenon	41.55
SCI807	Measures angles of incidence and reflection, etc.	43.05
SCI811	Applies learning of scientific concepts in day-to-day life	49.28
SCI813	Makes efforts to protect environment	66.82

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
252	22.60	387	34.71	341	30.58	135	12.11

Lowest Performing Learning Outcomes (LOs)

- 1 - Constructs models using materials from surroundings and explains their working (24.02)
- 2 - Classifies materials and organisms based on properties/characteristics (37.39)
- 3 - Conducts simple investigation to seek answers to queries (38.19)
- 4 - Explains processes and phenomenon (41.55)
- 5 - Relates processes and phenomenon with causes (42.21)