



District Report Card: 2017


State: Arunachal Pradesh	District: Siang
Class: 8	Subject: Science
Schools: 16	Students: 351


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	177	50.43	174	49.57

AREA 	Rural		Urban	
	Number	%	Number	%
	199	56.70	152	43.30

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	5	1.42	333	94.87	1	0.28	12	3.42

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	3	2	0	12	0

Management 	Government		Government-aided	
	Number	%	Number	%
	284	80.91	67	19.09

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
37.53	36.69	38.39	33.90	42.28	37.32	38.41	48.00	37.52	53.33	32.22

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.46
SCI704	Conducts simple investigation to seek answers to queries	42.48
SCI705	Relates processes and phenomenon with causes	38.16
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	25.36
SCI710	Plots and interprets graphs	19.41
SCI711	Constructs models using materials from surroundings and explains their working	19.41
SCI801	Differentiates materials, organism and processes	56.44
SCI804	Relates processes and phenomenon with causes	33.53
SCI805	Explains processes and phenomenon	38.16
SCI807	Measures angles of incidence and reflection, etc.	37.32
SCI811	Applies learning of scientific concepts in day-to-day life	30.87
SCI813	Makes efforts to protect environment	33.90

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
119	33.90	158	45.01	68	19.37	6	1.71

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (19.41)
- 2 - Constructs models using materials from surroundings and explains their working (19.41)
- 3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (25.36)
- 4 - Applies learning of scientific concepts in day-to-day life (30.87)
- 5 - Relates processes and phenomenon with causes (33.53)