



District Report Card: 2017


State: Arunachal Pradesh	District: West Kameng
Class: 8	Subject: Science
Schools: 46	Students: 772


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	329		42.62		443		57.38	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	649		84.07		123		15.93	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	7	0.91	497	64.38	4	0.52	264	34.20

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	672		87.05	100		12.95

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
30.02	29.79	30.19	30.46	27.70	29.96	30.40	5.71	30.69	41.67	29.22

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	32.12
SCI704	Conducts simple investigation to seek answers to queries	28.78
SCI705	Relates processes and phenomenon with causes	28.69
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	21.11
SCI710	Plots and interprets graphs	21.05
SCI711	Constructs models using materials from surroundings and explains their working	23.95
SCI801	Differentiates materials, organism and processes	44.78
SCI804	Relates processes and phenomenon with causes	37.89
SCI805	Explains processes and phenomenon	28.26
SCI807	Measures angles of incidence and reflection, etc.	29.15
SCI811	Applies learning of scientific concepts in day-to-day life	25.92
SCI813	Makes efforts to protect environment	27.72

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
412	53.37	269	34.84	72	9.33	19	2.46

Lowest Performing Learning Outcomes (LOs)

- 1 - Plots and interprets graphs (21.05)
- 2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (21.11)
- 3 - Constructs models using materials from surroundings and explains their working (23.95)
- 4 - Applies learning of scientific concepts in day-to-day life (25.92)
- 5 - Makes efforts to protect environment (27.72)