NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
NATIONAL ACHIEVEMENT SURVEY - NAS
(Survey of Learning Outcomes)

District Report Card: 2017	
State: Arunachal Pradesh	**District:** Changlang
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1204

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	573	47.59	631	52.41

AREA	Rural		Urban	
	Number	%	Number	%
	905	75.17	299	24.83

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	8	0.66	555	46.10	20	1.66	621	51.58

CWSN	LD	VI	HI	S&LD	ID	Oth
	5	3	29	1	2	45

Management	Government		Government-aided	
	Number	%	Number	%
	1099	91.28	105	8.72

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
28.62	29.51	27.82	28.07	30.28	27.72	38.10	27.50	30.11	32.00	27.19

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	33.52
SCI704	Conducts simple investigation to seek answers to queries	28.33
SCI705	Relates processes and phenomenon with causes	28.77
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	20.60
SCI710	Plots and interprets graphs	18.05
SCI711	Constructs models using materials from surroundings and explains their working	19.87
SCI801	Differentiates materials, organism and processes	36.65
SCI804	Relates processes and phenomenon with causes	40.23
SCI805	Explains processes and phenomenon	28.94
SCI807	Measures angles of incidence and reflection, etc.	27.91
SCI811	Applies learning of scientific concepts in day-to-day life	25.97
SCI813	Makes efforts to protect environment	24.17

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
699	58.06	399	33.14	92	7.64	14	1.16

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (18.05)

2 - Constructs models using materials from surroundings and explains their working (19.87)

3 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (20.60)

4 - Makes efforts to protect environment (24.17)

5 - Applies learning of scientific concepts in day-to-day life (25.97)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

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