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

District Report Card: 2017	
State: Arunachal Pradesh	**District:** West Siang
Class: 8	**Subject:** Science
Schools: 45	**Students:** 867

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	396	45.67	471	54.33

AREA	Rural		Urban	
	Number	%	Number	%
	647	74.63	220	25.37

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	34	3.92	709	81.78	14	1.61	110	12.69

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	5	2	0	2	4

Management	Government		Government-aided	
	Number	%	Number	%
	800	92.27	67	7.73

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.69	35.00	34.44	35.74	31.61	33.52	48.66	30.78	35.52	24.76	31.82

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.22
SCI704	Conducts simple investigation to seek answers to queries	31.47
SCI705	Relates processes and phenomenon with causes	36.22
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	23.64
SCI710	Plots and interprets graphs	24.59
SCI711	Constructs models using materials from surroundings and explains their working	20.19
SCI801	Differentiates materials, organism and processes	53.38
SCI804	Relates processes and phenomenon with causes	45.24
SCI805	Explains processes and phenomenon	31.39
SCI807	Measures angles of incidence and reflection, etc.	33.68
SCI811	Applies learning of scientific concepts in day-to-day life	28.14
SCI813	Makes efforts to protect environment	32.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
368	42.45	347	40.02	133	15.34	19	2.19

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (20.19)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (23.64)

3 - Plots and interprets graphs (24.59)

4 - Applies learning of scientific concepts in day-to-day life (28.14)

5 - Explains processes and phenomenon (31.39)

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