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

District Report Card: 2017	
State: Arunachal Pradesh	**District:** East Siang
Class: 8	**Subject:** Science
Schools: 50	**Students:** 942

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	429	45.54	513	54.46

AREA	Rural		Urban	
	Number	%	Number	%
	672	71.34	270	28.66

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	53	5.63	666	70.70	62	6.58	161	17.09

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	3	2	9	2	0

Management	Government		Government-aided	
	Number	%	Number	%
	808	85.77	134	14.23

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
30.65	**31.44**	**29.99**	**29.86**	**32.62**	**30.12**	**33.88**	**26.67**	**31.78**	**27.53**	**28.49**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.14
SCI704	Conducts simple investigation to seek answers to queries	29.51
SCI705	Relates processes and phenomenon with causes	30.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	20.49
SCI710	Plots and interprets graphs	18.10
SCI711	Constructs models using materials from surroundings and explains their working	23.06
SCI801	Differentiates materials, organism and processes	42.78
SCI804	Relates processes and phenomenon with causes	36.42
SCI805	Explains processes and phenomenon	29.79
SCI807	Measures angles of incidence and reflection, etc.	30.79
SCI811	Applies learning of scientific concepts in day-to-day life	28.28
SCI813	Makes efforts to protect environment	25.90

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
495	52.55	347	36.84	90	9.55	10	1.06

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (18.10)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (20.49)

3 - Constructs models using materials from surroundings and explains their working (23.06)

4 - Makes efforts to protect environment (25.90)

5 - Applies learning of scientific concepts in day-to-day life (28.28)

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

2