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

District Report Card: 2017	
State: Arunachal Pradesh	**District:** Lower Subansiri
Class: 8	**Subject:** Science
Schools: 38	**Students:** 447

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	214	47.87	233	52.13

AREA	Rural		Urban	
	Number	%	Number	%
	412	92.17	35	7.83

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	10	2.24	392	87.70	17	3.80	28	6.26

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	1	0	0	0

Management	Government		Government-aided	
	Number	%	Number	%
	339	75.84	108	24.16

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
37.82	**41.15**	**34.76**	**38.56**	**29.14**	**32.86**	**53.40**	**32.67**	**38.25**	**38.04**	**33.57**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.97
SCI704	Conducts simple investigation to seek answers to queries	37.41
SCI705	Relates processes and phenomenon with causes	44.25
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	34.68
SCI710	Plots and interprets graphs	24.15
SCI711	Constructs models using materials from surroundings and explains their working	24.15
SCI801	Differentiates materials, organism and processes	52.38
SCI804	Relates processes and phenomenon with causes	42.03
SCI805	Explains processes and phenomenon	31.30
SCI807	Measures angles of incidence and reflection, etc.	29.53
SCI811	Applies learning of scientific concepts in day-to-day life	33.16
SCI813	Makes efforts to protect environment	37.36

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
172	38.48	175	39.15	73	16.33	27	6.04

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (24.15)

2 - Plots and interprets graphs (24.15)

3 - Measures angles of incidence and reflection, etc. (29.53)

4 - Explains processes and phenomenon (31.30)

5 - Applies learning of scientific concepts in day-to-day life (33.16)

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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