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

District Report Card: 2017	
State: Arunachal Pradesh	**District:** Lower Dibang Valley
Class: 8	**Subject:** Science
Schools: 30	**Students:** 604

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	291	48.18	313	51.82

AREA	Rural		Urban	
	Number	%	Number	%
	482	79.80	122	20.20

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	285	47.19	0	0.00	319	52.81

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

Management	Government		Government-aided	
	Number	%	Number	%
	575	95.20	29	4.80

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
30.26	**31.64**	**28.99**	**29.09**	**34.92**	**28.88**	**57.70**	**0.00**	**32.54**	**0.00**	**28.23**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.00
SCI704	Conducts simple investigation to seek answers to queries	35.21
SCI705	Relates processes and phenomenon with causes	28.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	18.87
SCI710	Plots and interprets graphs	19.21
SCI711	Constructs models using materials from surroundings and explains their working	21.85
SCI801	Differentiates materials, organism and processes	42.72
SCI804	Relates processes and phenomenon with causes	44.70
SCI805	Explains processes and phenomenon	27.26
SCI807	Measures angles of incidence and reflection, etc.	26.49
SCI811	Applies learning of scientific concepts in day-to-day life	26.62
SCI813	Makes efforts to protect environment	25.99

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
335	55.46	204	33.77	59	9.77	6	0.99

Lowest Performing Learning Outcomes (LOs)

1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (18.87)

2 - Plots and interprets graphs (19.21)

3 - Constructs models using materials from surroundings and explains their working (21.85)

4 - Makes efforts to protect environment (25.99)

5 - Measures angles of incidence and reflection, etc. (26.49)

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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