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

District Report Card: 2017	
State: Arunachal Pradesh	**District:** Kra Daadi
Class: 8	**Subject:** Science
Schools: 38	**Students:** 290

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	147	50.69	143	49.31

AREA	Rural		Urban	
	Number	%	Number	%
	221	76.21	69	23.79

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	2	0.69	287	98.97	1	0.34	0	0.00

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	5	0	8

Management	Government		Government-aided	
	Number	%	Number	%
	243	83.79	47	16.21

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
39.70	33.79	45.78	42.17	31.79	33.25	73.05	66.67	39.51	40.00	0.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	45.79
SCI704	Conducts simple investigation to seek answers to queries	36.88
SCI705	Relates processes and phenomenon with causes	39.59
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	42.07
SCI710	Plots and interprets graphs	33.33
SCI711	Constructs models using materials from surroundings and explains their working	44.93
SCI801	Differentiates materials, organism and processes	47.53
SCI804	Relates processes and phenomenon with causes	52.90
SCI805	Explains processes and phenomenon	36.20
SCI807	Measures angles of incidence and reflection, etc.	45.52
SCI811	Applies learning of scientific concepts in day-to-day life	29.76
SCI813	Makes efforts to protect environment	36.90

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
112	38.62	102	35.17	46	15.86	30	10.34

Lowest Performing Learning Outcomes (LOs)

1 - Applies learning of scientific concepts in day-to-day life (29.76)

2 - Plots and interprets graphs (33.33)

3 - Explains processes and phenomenon (36.20)

4 - Conducts simple investigation to seek answers to queries (36.88)

5 - Makes efforts to protect environment (36.90)

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