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

District Report Card: 2017	
State: Arunachal Pradesh	**District:** East Kameng
Class: 8	**Subject:** Science
Schools: 38	**Students:** 557

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	212	38.06	345	61.94

AREA	Rural		Urban	
	Number	%	Number	%
	397	71.27	160	28.73

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	508	91.20	1	0.18	48	8.62

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	6	3	1	1	5

Management	Government		Government-aided	
	Number	%	Number	%
	422	75.76	135	24.24

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
35.94	**37.30**	**35.11**	**34.54**	**39.42**	**32.62**	**46.32**	**0.00**	**35.26**	**6.67**	**43.75**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.24
SCI704	Conducts simple investigation to seek answers to queries	33.01
SCI705	Relates processes and phenomenon with causes	35.41
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	33.21
SCI710	Plots and interprets graphs	28.11
SCI711	Constructs models using materials from surroundings and explains their working	27.40
SCI801	Differentiates materials, organism and processes	45.84
SCI804	Relates processes and phenomenon with causes	40.93
SCI805	Explains processes and phenomenon	33.61
SCI807	Measures angles of incidence and reflection, etc.	33.57
SCI811	Applies learning of scientific concepts in day-to-day life	30.25
SCI813	Makes efforts to protect environment	40.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
240	43.09	198	35.55	95	17.06	24	4.31

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (27.40)

2 - Plots and interprets graphs (28.11)

3 - Applies learning of scientific concepts in day-to-day life (30.25)

4 - Conducts simple investigation to seek answers to queries (33.01)

5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (33.21)

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

2