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

District Report Card: 2017	
State: Arunachal Pradesh	**District:** Tawang
Class: 8	**Subject:** Science
Schools: 29	**Students:** 308

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	123	39.94	185	60.06

AREA	Rural		Urban	
	Number	%	Number	%
	285	92.53	23	7.47

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	0	0.00	267	86.69	4	1.30	37	12.01

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	1	0	10	0

Management	Government		Government-aided	
	Number	%	Number	%
	200	64.94	108	35.06

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
41.71	**44.17**	**40.07**	**42.67**	**29.86**	**38.73**	**47.22**	**0.00**	**42.42**	**50.00**	**35.68**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.83
SCI704	Conducts simple investigation to seek answers to queries	39.27
SCI705	Relates processes and phenomenon with causes	39.06
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	37.66
SCI710	Plots and interprets graphs	24.67
SCI711	Constructs models using materials from surroundings and explains their working	30.67
SCI801	Differentiates materials, organism and processes	61.35
SCI804	Relates processes and phenomenon with causes	55.33
SCI805	Explains processes and phenomenon	35.19
SCI807	Measures angles of incidence and reflection, etc.	40.58
SCI811	Applies learning of scientific concepts in day-to-day life	35.04
SCI813	Makes efforts to protect environment	50.97

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
100	32.47	110	35.71	82	26.62	16	5.19

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (24.67)

2 - Constructs models using materials from surroundings and explains their working (30.67)

3 - Applies learning of scientific concepts in day-to-day life (35.04)

4 - Explains processes and phenomenon (35.19)

5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (37.66)

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