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

District Report Card: 2017	
State: Arunachal Pradesh	**District:** Papum Pare
Class: 8	**Subject:** Science
Schools: 53	**Students:** 852

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	418	49.06	434	50.94

AREA	Rural		Urban	
	Number	%	Number	%
	576	67.61	276	32.39

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	21	2.46	701	82.28	36	4.23	94	11.03

CWSN	LD	VI	HI	S&LD	ID	Oth
	5	14	12	5	0	10

Management	Government		Government-aided	
	Number	%	Number	%
	671	78.76	181	21.24

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
35.67	**35.07**	**36.25**	**35.93**	**35.14**	**30.40**	**55.21**	**33.65**	**36.05**	**29.26**	**35.74**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	40.08
SCI704	Conducts simple investigation to seek answers to queries	35.05
SCI705	Relates processes and phenomenon with causes	37.31
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	27.58
SCI710	Plots and interprets graphs	29.08
SCI711	Constructs models using materials from surroundings and explains their working	25.30
SCI801	Differentiates materials, organism and processes	45.58
SCI804	Relates processes and phenomenon with causes	45.15
SCI805	Explains processes and phenomenon	29.82
SCI807	Measures angles of incidence and reflection, etc.	39.55
SCI811	Applies learning of scientific concepts in day-to-day life	32.30
SCI813	Makes efforts to protect environment	32.98

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
355	41.67	329	38.62	126	14.79	42	4.93

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (25.30)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (27.58)

3 - Plots and interprets graphs (29.08)

4 - Explains processes and phenomenon (29.82)

5 - Applies learning of scientific concepts in day-to-day life (32.30)

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