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

District Report Card: 2017	
State: Tripura	**District:** Unakoti
Class: 8	**Subject:** Science
Schools: 51	**Students:** 983

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	383	38.96	600	61.04

AREA	Rural		Urban	
	Number	%	Number	%
	820	83.42	163	16.58

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	232	23.60	209	21.26	268	27.26	274	27.87

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	1	0	0

Management	Government		Government-aided	
	Number	%	Number	%
	941	95.73	42	4.27

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
39.78	**39.11**	**40.21**	**39.50**	**41.23**	**39.30**	**50.63**	**38.99**	**35.41**	**46.92**	**36.81**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.66
SCI704	Conducts simple investigation to seek answers to queries	26.24
SCI705	Relates processes and phenomenon with causes	41.20
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	43.03
SCI710	Plots and interprets graphs	43.43
SCI711	Constructs models using materials from surroundings and explains their working	20.61
SCI801	Differentiates materials, organism and processes	48.00
SCI804	Relates processes and phenomenon with causes	53.74
SCI805	Explains processes and phenomenon	32.90
SCI807	Measures angles of incidence and reflection, etc.	36.42
SCI811	Applies learning of scientific concepts in day-to-day life	41.36
SCI813	Makes efforts to protect environment	54.93

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
327	33.27	385	39.17	221	22.48	50	5.09

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (20.61)

2 - Conducts simple investigation to seek answers to queries (26.24)

3 - Explains processes and phenomenon (32.90)

4 - Classifies materials and organisms based on properties/characteristics (35.66)

5 - Measures angles of incidence and reflection, etc. (36.42)

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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