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

District Report Card: 2017	
State: Odisha	**District:** Malkangiri
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1178

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	636	53.99	542	46.01

AREA	Rural		Urban	
	Number	%	Number	%
	999	84.80	179	15.20

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	434	36.84	543	46.10	65	5.52	136	11.54

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	3	0	2	10

Management	Government		Government-aided	
	Number	%	Number	%
	1049	89.05	129	10.95

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
41.52	**39.92**	**43.41**	**42.48**	**36.16**	**41.61**	**40.83**	**43.78**	**39.50**	**41.03**	**42.65**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.95
SCI704	Conducts simple investigation to seek answers to queries	35.08
SCI705	Relates processes and phenomenon with causes	41.33
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	50.34
SCI710	Plots and interprets graphs	32.07
SCI711	Constructs models using materials from surroundings and explains their working	40.52
SCI801	Differentiates materials, organism and processes	42.60
SCI804	Relates processes and phenomenon with causes	47.76
SCI805	Explains processes and phenomenon	36.09
SCI807	Measures angles of incidence and reflection, etc.	37.01
SCI811	Applies learning of scientific concepts in day-to-day life	38.90
SCI813	Makes efforts to protect environment	59.85

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
384	32.60	422	35.82	311	26.40	61	5.18

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (32.07)

2 - Conducts simple investigation to seek answers to queries (35.08)

3 - Explains processes and phenomenon (36.09)

4 - Measures angles of incidence and reflection, etc. (37.01)

5 - Applies learning of scientific concepts in day-to-day life (38.90)

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

2