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

District Report Card: 2017	
State: Chhattisgarh	**District:** Balodabazar
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1305

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	648	49.66	657	50.34

AREA	Rural		Urban	
	Number	%	Number	%
	1203	92.18	102	7.82

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	332	25.44	166	12.72	801	61.38	6	0.46

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	5	8	0	2	3

Management	Government		Government-aided	
	Number	%	Number	%
	1283	98.31	22	1.69

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
44.13	43.68	44.57	44.08	44.71	44.02	50.61	42.65	42.45	45.04	51.11

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	41.51
SCI704	Conducts simple investigation to seek answers to queries	35.62
SCI705	Relates processes and phenomenon with causes	42.63
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.05
SCI710	Plots and interprets graphs	39.94
SCI711	Constructs models using materials from surroundings and explains their working	37.80
SCI801	Differentiates materials, organism and processes	46.01
SCI804	Relates processes and phenomenon with causes	47.71
SCI805	Explains processes and phenomenon	37.87
SCI807	Measures angles of incidence and reflection, etc.	49.58
SCI811	Applies learning of scientific concepts in day-to-day life	46.59
SCI813	Makes efforts to protect environment	56.63

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
419	32.11	419	32.11	316	24.21	151	11.57

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (35.62)

2 - Constructs models using materials from surroundings and explains their working (37.80)

3 - Explains processes and phenomenon (37.87)

4 - Plots and interprets graphs (39.94)

5 - Classifies materials and organisms based on properties/characteristics (41.51)

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