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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Balaghat
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1315

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	648	49.28	667	50.72

AREA	Rural		Urban	
	Number	%	Number	%
	1198	91.10	117	8.90

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	72	5.48	298	22.66	933	70.95	12	0.91

CWSN	LD	VI	HI	S&LD	ID	Oth
	9	2	0	0	4	6

Management	Government		Government-aided	
	Number	%	Number	%
	1302	99.01	13	0.99

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
43.89	45.37	42.45	44.70	35.56	43.67	65.64	48.33	39.62	44.82	51.11

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	44.03
SCI704	Conducts simple investigation to seek answers to queries	28.87
SCI705	Relates processes and phenomenon with causes	38.05
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	54.75
SCI710	Plots and interprets graphs	37.46
SCI711	Constructs models using materials from surroundings and explains their working	33.70
SCI801	Differentiates materials, organism and processes	52.49
SCI804	Relates processes and phenomenon with causes	42.48
SCI805	Explains processes and phenomenon	43.42
SCI807	Measures angles of incidence and reflection, etc.	44.56
SCI811	Applies learning of scientific concepts in day-to-day life	44.41
SCI813	Makes efforts to protect environment	54.90

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
378	28.75	422	32.09	369	28.06	146	11.10

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (28.87)

2 - Constructs models using materials from surroundings and explains their working (33.70)

3 - Plots and interprets graphs (37.46)

4 - Relates processes and phenomenon with causes (38.05)

5 - Relates processes and phenomenon with causes (42.48)