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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Umaria
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1112

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	580	52.16	532	47.84

AREA	Rural		Urban	
	Number	%	Number	%
	1038	93.35	74	6.65

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	135	12.14	577	51.89	318	28.60	82	7.37

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	4	10	2	1	28

Management	Government		Government-aided	
	Number	%	Number	%
	1112	100.00	0	0.00

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
38.71	**37.18**	**40.36**	**38.17**	**46.22**	**38.71**	**0.00**	**37.68**	**37.03**	**40.23**	**46.26**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.45
SCI704	Conducts simple investigation to seek answers to queries	25.52
SCI705	Relates processes and phenomenon with causes	35.47
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	48.83
SCI710	Plots and interprets graphs	24.50
SCI711	Constructs models using materials from surroundings and explains their working	29.01
SCI801	Differentiates materials, organism and processes	47.34
SCI804	Relates processes and phenomenon with causes	37.66
SCI805	Explains processes and phenomenon	37.39
SCI807	Measures angles of incidence and reflection, etc.	38.49
SCI811	Applies learning of scientific concepts in day-to-day life	38.09
SCI813	Makes efforts to protect environment	57.01

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
416	37.41	352	31.65	308	27.70	36	3.24

Lowest Performing Learning Outcomes (LOs)

1 - Plots and interprets graphs (24.50)

2 - Conducts simple investigation to seek answers to queries (25.52)

3 - Constructs models using materials from surroundings and explains their working (29.01)

4 - Classifies materials and organisms based on properties/characteristics (35.45)

5 - Relates processes and phenomenon with causes (35.47)

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