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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Madhya Pradesh	**District:** Jabalpur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1247

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	564	45.23	683	54.77

AREA	Rural		Urban	
	Number	%	Number	%
	859	68.89	388	31.11

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	231	18.52	391	31.36	567	45.47	58	4.65

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

Management	Government		Government-aided	
	Number	%	Number	%
	1152	92.38	95	7.62

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
44.52	**47.15**	**42.34**	**47.75**	**37.37**	**45.66**	**30.67**	**42.14**	**46.60**	**44.51**	**40.00**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.63
SCI704	Conducts simple investigation to seek answers to queries	28.99
SCI705	Relates processes and phenomenon with causes	41.16
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	49.24
SCI710	Plots and interprets graphs	38.38
SCI711	Constructs models using materials from surroundings and explains their working	32.17
SCI801	Differentiates materials, organism and processes	52.78
SCI804	Relates processes and phenomenon with causes	52.07
SCI805	Explains processes and phenomenon	42.98
SCI807	Measures angles of incidence and reflection, etc.	41.14
SCI811	Applies learning of scientific concepts in day-to-day life	47.00
SCI813	Makes efforts to protect environment	57.82

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
381	30.55	362	29.03	374	29.99	130	10.43

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (28.99)

2 - Constructs models using materials from surroundings and explains their working (32.17)

3 - Plots and interprets graphs (38.38)

4 - Measures angles of incidence and reflection, etc. (41.14)

5 - Relates processes and phenomenon with causes (41.16)

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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