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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Dewas
Class: 8	**Subject:** Science
Schools: 50	**Students:** 1146

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	518	45.20	628	54.80

AREA	Rural		Urban	
	Number	%	Number	%
	927	80.89	219	19.11

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	257	22.43	311	27.14	459	40.05	119	10.38

CWSN	LD	VI	HI	S&LD	ID	Oth
	6	2	1	0	1	50

Management	Government		Government-aided	
	Number	%	Number	%
	1146	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**
47.18	**45.02**	**48.96**	**45.54**	**54.09**	**47.18**	**0.00**	**47.81**	**47.57**	**46.10**	**48.96**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	47.71
SCI704	Conducts simple investigation to seek answers to queries	29.42
SCI705	Relates processes and phenomenon with causes	40.57
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.93
SCI710	Plots and interprets graphs	39.72
SCI711	Constructs models using materials from surroundings and explains their working	47.50
SCI801	Differentiates materials, organism and processes	50.91
SCI804	Relates processes and phenomenon with causes	45.42
SCI805	Explains processes and phenomenon	44.31
SCI807	Measures angles of incidence and reflection, etc.	50.35
SCI811	Applies learning of scientific concepts in day-to-day life	50.79
SCI813	Makes efforts to protect environment	63.18

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
304	26.53	297	25.92	402	35.08	143	12.48

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (29.42)

2 - Plots and interprets graphs (39.72)

3 - Relates processes and phenomenon with causes (40.57)

4 - Explains processes and phenomenon (44.31)

5 - Relates processes and phenomenon with causes (45.42)

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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