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

District Report Card: 2017	
State: Madhya Pradesh	**District:** Raisen
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1082

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	493	45.56	589	54.44

AREA	Rural		Urban	
	Number	%	Number	%
	958	88.54	124	11.46

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	234	21.63	247	22.83	508	46.95	93	8.60

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	0	0	1	5

Management	Government		Government-aided	
	Number	%	Number	%
	1082	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
41.05	39.53	42.33	41.21	39.84	41.05	0.00	41.03	40.62	41.17	41.65

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	42.42
SCI704	Conducts simple investigation to seek answers to queries	27.02
SCI705	Relates processes and phenomenon with causes	36.98
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	51.39
SCI710	Plots and interprets graphs	32.95
SCI711	Constructs models using materials from surroundings and explains their working	32.01
SCI801	Differentiates materials, organism and processes	47.94
SCI804	Relates processes and phenomenon with causes	45.08
SCI805	Explains processes and phenomenon	38.08
SCI807	Measures angles of incidence and reflection, etc.	40.94
SCI811	Applies learning of scientific concepts in day-to-day life	38.85
SCI813	Makes efforts to protect environment	59.06

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
368	34.01	340	31.42	310	28.65	64	5.91

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (27.02)

2 - Constructs models using materials from surroundings and explains their working (32.01)

3 - Plots and interprets graphs (32.95)

4 - Relates processes and phenomenon with causes (36.98)

5 - Explains processes and phenomenon (38.08)

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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