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

District Report Card: 2017	
State: Rajasthan	**District:** Chittaurgarh
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1022

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	537	52.54	485	47.46

AREA	Rural		Urban	
	Number	%	Number	%
	849	83.07	173	16.93

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	171	16.73	187	18.30	540	52.84	124	12.13

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	0	2	2	3	1

Management	Government		Government-aided	
	Number	%	Number	%
	1022	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**
55.55	**55.46**	**55.66**	**55.41**	**56.26**	**55.55**	**0.00**	**50.88**	**58.75**	**56.63**	**52.47**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	53.01
SCI704	Conducts simple investigation to seek answers to queries	35.39
SCI705	Relates processes and phenomenon with causes	51.30
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	63.31
SCI710	Plots and interprets graphs	57.74
SCI711	Constructs models using materials from surroundings and explains their working	50.40
SCI801	Differentiates materials, organism and processes	68.42
SCI804	Relates processes and phenomenon with causes	63.10
SCI805	Explains processes and phenomenon	47.27
SCI807	Measures angles of incidence and reflection, etc.	51.27
SCI811	Applies learning of scientific concepts in day-to-day life	56.72
SCI813	Makes efforts to protect environment	74.36

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
157	15.36	233	22.80	445	43.54	187	18.30

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (35.39)

2 - Explains processes and phenomenon (47.27)

3 - Constructs models using materials from surroundings and explains their working (50.40)

4 - Measures angles of incidence and reflection, etc. (51.27)

5 - Relates processes and phenomenon with causes (51.30)

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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