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

District Report Card: 2017	
State: Rajasthan	**District:** Tonk
Class: 8	**Subject:** Science
Schools: 51	**Students:** 982

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	364	37.07	618	62.93

AREA	Rural		Urban	
	Number	%	Number	%
	917	93.38	65	6.62

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	271	27.60	145	14.77	497	50.61	69	7.03

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	1	2	4	1

Management	Government		Government-aided	
	Number	%	Number	%
	982	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
61.59	61.32	61.75	61.61	61.23	61.59	0.00	57.79	64.69	63.34	57.39

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	57.71
SCI704	Conducts simple investigation to seek answers to queries	35.90
SCI705	Relates processes and phenomenon with causes	57.15
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	77.39
SCI710	Plots and interprets graphs	64.31
SCI711	Constructs models using materials from surroundings and explains their working	56.65
SCI801	Differentiates materials, organism and processes	70.47
SCI804	Relates processes and phenomenon with causes	71.98
SCI805	Explains processes and phenomenon	52.59
SCI807	Measures angles of incidence and reflection, etc.	61.10
SCI811	Applies learning of scientific concepts in day-to-day life	66.60
SCI813	Makes efforts to protect environment	76.17

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
98	9.98	206	20.98	356	36.25	322	32.79

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (35.90)

2 - Explains processes and phenomenon (52.59)

3 - Constructs models using materials from surroundings and explains their working (56.65)

4 - Relates processes and phenomenon with causes (57.15)

5 - Classifies materials and organisms based on properties/characteristics (57.71)

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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