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

District Report Card: 2017	
State: Maharashtra	**District:** Nagpur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1317

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	677	51.40	640	48.60

AREA	Rural		Urban	
	Number	%	Number	%
	494	37.51	823	62.49

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	250	18.98	107	8.12	698	53.00	262	19.89

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

Management	Government		Government-aided	
	Number	%	Number	%
	134	10.17	1183	89.83

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
34.48	33.91	35.07	37.17	32.86	32.54	34.70	31.76	33.83	34.82	36.41

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.61
SCI704	Conducts simple investigation to seek answers to queries	23.53
SCI705	Relates processes and phenomenon with causes	32.29
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	37.43
SCI710	Plots and interprets graphs	27.20
SCI711	Constructs models using materials from surroundings and explains their working	29.94
SCI801	Differentiates materials, organism and processes	39.23
SCI804	Relates processes and phenomenon with causes	47.26
SCI805	Explains processes and phenomenon	31.22
SCI807	Measures angles of incidence and reflection, etc.	35.16
SCI811	Applies learning of scientific concepts in day-to-day life	32.97
SCI813	Makes efforts to protect environment	46.01

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
621	47.15	464	35.23	185	14.05	47	3.57

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (23.53)

2 - Plots and interprets graphs (27.20)

3 - Constructs models using materials from surroundings and explains their working (29.94)

4 - Explains processes and phenomenon (31.22)

5 - Relates processes and phenomenon with causes (32.29)

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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