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

District Report Card: 2017	
State: Maharashtra	**District:** Washim
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1397

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	741	53.04	656	46.96

AREA	Rural		Urban	
	Number	%	Number	%
	992	71.01	405	28.99

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	307	21.98	41	2.93	864	61.85	185	13.24

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	14	1	1	1	1

Management	Government		Government-aided	
	Number	%	Number	%
	166	11.88	1231	88.12

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.10	37.21	39.10	39.25	35.26	42.09	37.56	37.46	41.14	38.38	37.15

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.96
SCI704	Conducts simple investigation to seek answers to queries	28.91
SCI705	Relates processes and phenomenon with causes	32.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	55.05
SCI710	Plots and interprets graphs	33.99
SCI711	Constructs models using materials from surroundings and explains their working	35.10
SCI801	Differentiates materials, organism and processes	39.16
SCI804	Relates processes and phenomenon with causes	45.73
SCI805	Explains processes and phenomenon	34.73
SCI807	Measures angles of incidence and reflection, etc.	39.73
SCI811	Applies learning of scientific concepts in day-to-day life	34.36
SCI813	Makes efforts to protect environment	50.47

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
569	40.73	469	33.57	296	21.19	63	4.51

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (28.91)

2 - Relates processes and phenomenon with causes (32.52)

3 - Plots and interprets graphs (33.99)

4 - Applies learning of scientific concepts in day-to-day life (34.36)

5 - Explains processes and phenomenon (34.73)

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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