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

District Report Card: 2017	
State: Maharashtra	**District:** Jalna
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1407

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	750	53.30	657	46.70

AREA	Rural		Urban	
	Number	%	Number	%
	1053	74.84	354	25.16

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	199	14.14	30	2.13	475	33.76	703	49.96

CWSN	LD	VI	HI	S&LD	ID	Oth
	6	2	4	5	3	95

Management	Government		Government-aided	
	Number	%	Number	%
	256	18.19	1151	81.81

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
32.88	**31.70**	**34.23**	**33.73**	**30.34**	**42.29**	**30.78**	**30.42**	**28.44**	**33.07**	**33.64**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	35.22
SCI704	Conducts simple investigation to seek answers to queries	25.65
SCI705	Relates processes and phenomenon with causes	29.33
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	39.59
SCI710	Plots and interprets graphs	23.67
SCI711	Constructs models using materials from surroundings and explains their working	23.67
SCI801	Differentiates materials, organism and processes	34.09
SCI804	Relates processes and phenomenon with causes	38.59
SCI805	Explains processes and phenomenon	31.27
SCI807	Measures angles of incidence and reflection, etc.	33.33
SCI811	Applies learning of scientific concepts in day-to-day life	32.80
SCI813	Makes efforts to protect environment	44.92

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
718	51.03	432	30.70	215	15.28	42	2.99

Lowest Performing Learning Outcomes (LOs)

1 - Constructs models using materials from surroundings and explains their working (23.67)

2 - Plots and interprets graphs (23.67)

3 - Conducts simple investigation to seek answers to queries (25.65)

4 - Relates processes and phenomenon with causes (29.33)

5 - Explains processes and phenomenon (31.27)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

2