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

District Report Card: 2017	
State: Maharashtra	**District:** Solapur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1418

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	828	58.39	590	41.61

AREA	Rural		Urban	
	Number	%	Number	%
	1002	70.66	416	29.34

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	222	15.66	47	3.31	466	32.86	683	48.17

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	1	2	1	55

Management	Government		Government-aided	
	Number	%	Number	%
	51	3.60	1367	96.40

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
44.63	43.57	46.11	43.81	46.60	48.63	44.48	39.19	57.30	48.45	42.91

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	49.86
SCI704	Conducts simple investigation to seek answers to queries	27.92
SCI705	Relates processes and phenomenon with causes	40.91
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	57.97
SCI710	Plots and interprets graphs	37.64
SCI711	Constructs models using materials from surroundings and explains their working	40.73
SCI801	Differentiates materials, organism and processes	40.57
SCI804	Relates processes and phenomenon with causes	53.79
SCI805	Explains processes and phenomenon	40.54
SCI807	Measures angles of incidence and reflection, etc.	44.92
SCI811	Applies learning of scientific concepts in day-to-day life	45.33
SCI813	Makes efforts to protect environment	67.07

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
449	31.66	419	29.55	410	28.91	140	9.87

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (27.92)

2 - Plots and interprets graphs (37.64)

3 - Explains processes and phenomenon (40.54)

4 - Differentiates materials, organism and processes (40.57)

5 - Constructs models using materials from surroundings and explains their working (40.73)

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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