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

District Report Card: 2017	
State: Tamil Nadu	**District:** Karur
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1085

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	492	45.35	593	54.65

AREA	Rural		Urban	
	Number	%	Number	%
	742	68.39	343	31.61

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	296	27.28	1	0.09	687	63.32	101	9.31

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	2	0	3	4	3

Management	Government		Government-aided	
	Number	%	Number	%
	857	78.99	228	21.01

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
33.70	**34.57**	**32.97**	**34.12**	**32.77**	**33.22**	**35.50**	**33.04**	**53.33**	**34.44**	**30.36**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	34.57
SCI704	Conducts simple investigation to seek answers to queries	20.27
SCI705	Relates processes and phenomenon with causes	41.70
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	23.23
SCI710	Plots and interprets graphs	27.07
SCI711	Constructs models using materials from surroundings and explains their working	25.56
SCI801	Differentiates materials, organism and processes	34.48
SCI804	Relates processes and phenomenon with causes	48.87
SCI805	Explains processes and phenomenon	29.00
SCI807	Measures angles of incidence and reflection, etc.	25.44
SCI811	Applies learning of scientific concepts in day-to-day life	38.37
SCI813	Makes efforts to protect environment	52.81

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
489	45.07	428	39.45	150	13.82	18	1.66

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (20.27)

2 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (23.23)

3 - Measures angles of incidence and reflection, etc. (25.44)

4 - Constructs models using materials from surroundings and explains their working (25.56)

5 - Plots and interprets graphs (27.07)

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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