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

District Report Card: 2017	
State: Andhra Pradesh	**District:** Srikakulam
Class: 8	**Subject:** Science
Schools: 51	**Students:** 1296

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	588	45.37	708	54.63

AREA	Rural		Urban	
	Number	%	Number	%
	1087	83.87	209	16.13

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	101	7.79	93	7.18	1015	78.32	87	6.71

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	1	2	2	18

Management	Government		Government-aided	
	Number	%	Number	%
	1269	97.92	27	2.08

Average Performance of Students in Science (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
53.77	53.12	54.31	55.59	44.31	54.09	38.77	51.75	47.10	55.21	46.44

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	54.50
SCI704	Conducts simple investigation to seek answers to queries	31.12
SCI705	Relates processes and phenomenon with causes	47.49
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	65.20
SCI710	Plots and interprets graphs	47.65
SCI711	Constructs models using materials from surroundings and explains their working	54.55
SCI801	Differentiates materials, organism and processes	64.97
SCI804	Relates processes and phenomenon with causes	60.34
SCI805	Explains processes and phenomenon	47.54
SCI807	Measures angles of incidence and reflection, etc.	50.69
SCI811	Applies learning of scientific concepts in day-to-day life	57.58
SCI813	Makes efforts to protect environment	64.89

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
229	17.67	352	27.16	483	37.27	232	17.90

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (31.12)

2 - Relates processes and phenomenon with causes (47.49)

3 - Explains processes and phenomenon (47.54)

4 - Plots and interprets graphs (47.65)

5 - Measures angles of incidence and reflection, etc. (50.69)

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