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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Uttar Pradesh	**District:** Balrampur
Class: 8	**Subject:** Science
Schools: 49	**Students:** 935

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	473	50.59	462	49.41

AREA	Rural		Urban	
	Number	%	Number	%
	819	87.59	116	12.41

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	161	17.22	33	3.53	566	60.53	175	18.72

CWSN	LD	VI	HI	S&LD	ID	Oth
	3	1	0	1	3	27

Management	Government		Government-aided	
	Number	%	Number	%
	756	80.86	179	19.14

Average Performance of Students in Science (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
41.93	**43.65**	**40.16**	**41.51**	**44.89**	**43.92**	**33.48**	**43.31**	**28.48**	**41.57**	**44.34**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	43.10
SCI704	Conducts simple investigation to seek answers to queries	19.93
SCI705	Relates processes and phenomenon with causes	35.52
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	54.55
SCI710	Plots and interprets graphs	43.09
SCI711	Constructs models using materials from surroundings and explains their working	39.79
SCI801	Differentiates materials, organism and processes	50.92
SCI804	Relates processes and phenomenon with causes	52.37
SCI805	Explains processes and phenomenon	35.45
SCI807	Measures angles of incidence and reflection, etc.	40.64
SCI811	Applies learning of scientific concepts in day-to-day life	42.45
SCI813	Makes efforts to protect environment	55.94

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
328	35.08	271	28.98	220	23.53	116	12.41

Lowest Performing Learning Outcomes (LOs)

1 - Conducts simple investigation to seek answers to queries (19.93)

2 - Explains processes and phenomenon (35.45)

3 - Relates processes and phenomenon with causes (35.52)

4 - Constructs models using materials from surroundings and explains their working (39.79)

5 - Measures angles of incidence and reflection, etc. (40.64)

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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