

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



District Report Card: 2017					
State: Uttar Pradesh	District: Aligarh				
Class: 8	Subject: Mathematics				
Schools: 51	Students: 1009				

Participation/Coverage

Students

GENDER	Воу	'S	Girls		
	Number	%	Number	%	
N N	481	47.67	528	52.33	
AREA	Rur		Urban		
AREA	Nui	aı			
	Number	%	Number	%	
	1009	100.00	0	0.00	

CATEGORY	SC		ST		OBC		GEN	
00000 00000 00000	Number	%	Number	%	Number	%	Number	%
	229	22.70	1	0.10	528	52.33	251	24.88
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Management	Govern	ment	Government-aided		
Grand	Number	%	Number	%	
SCHOOL IIII	828	82.06	181	17.94	

Average Performance of Students in Mathematics (%)										
Overall	Gender		Area		Management		Social Group			
Overun	Male	Female	Rural	Urban	Govt.	Aided	sc	ST	ОВС	GEN
43.09	45.32	41.05	43.09	0.00	45.08	33.96	42.56	0.00	44.72	40.29

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	37.60
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	47.29
M620	Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.	47.93
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	36.63
M702	Interprets the division and multiplication of fractions	42.32
M705	Solves problems related to daily life situations involving rational numbers	46.38
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	48.07
M707	Adds/subtracts algebraic expressions	62.04
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	41.99
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	32.36
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	54.56
M721	Interprets data using bar graph	59.84
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	30.43
M802	Finds rational numbers between two given rational numbers	39.76
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	51.55
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	53.55
M808	Uses various algebraic identities in solving problems of daily life	25.15
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	33.77
M818	Finds surface area and volume of cuboidal and cylindrical object	21.50
M819	Draws and interprets bar charts and pie charts	28.05

Range of Performance of Students who Answered Correctly								
Below 30% 30% - 50%			50% -	75%	Above 75%			
Number	%	Number	%	Number	%	Number	%	
347	34.39	269	26.66	312	30.92	81	8.03	

Lowest Performing Learning Outcomes (LOs)

- 1 Finds surface area and volume of cuboidal and cylindrical object (21.50)
- 2 Uses various algebraic identities in solving problems of daily life (25.15)
- 3 Draws and interprets bar charts and pie charts (28.05)

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