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

District Report Card: 2017	
State: Jammu And Kashmir	**District:** Baramula
Class: 8	**Subject:** Mathematics
Schools: 43	**Students:** 563

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	307	54.53	256	45.47

AREA	Rural		Urban	
	Number	%	Number	%
	543	96.45	20	3.55

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	2	0.36	22	3.91	149	26.47	390	69.27

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	2	0	1	1	3

Management	Government		Government-aided	
	Number	%	Number	%
	563	100.00	0	0.00

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
40.60	**40.54**	**40.68**	**40.60**	**40.67**	**40.60**	**0.00**	**33.33**	**27.58**	**33.20**	**44.21**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	41.75
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	45.26
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.	41.86
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	25.61
M702	Interprets the division and multiplication of fractions	48.67
M705	Solves problems related to daily life situations involving rational numbers	47.25
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	56.83
M707	Adds/subtracts algebraic expressions	37.83
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	27.70
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	29.82
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	60.50
M721	Interprets data using bar graph	34.17
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	47.84
M802	Finds rational numbers between two given rational numbers	15.11
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	34.04
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	40.65
M808	Uses various algebraic identities in solving problems of daily life	17.99
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	32.19
M818	Finds surface area and volume of cuboidal and cylindrical object	20.86
M819	Draws and interprets bar charts and pie charts	54.35

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
224	39.79	152	27.00	125	22.20	62	11.01

Lowest Performing Learning Outcomes (LOs)

1 - Finds rational numbers between two given rational numbers (15.11)

2 - Uses various algebraic identities in solving problems of daily life (17.99)

3 - Finds surface area and volume of cuboidal and cylindrical object (20.86)

4 - Arranges given/collected information in the form of table, pictograph and bar graph and interprets them (25.61)

5 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (27.70)

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