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

District Report Card: 2017	
State: West Bengal	**District:** Birbhum
Class: 5	**Subject:** Mathematics
Schools: 61	**Students:** 1290

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	614	47.60	676	52.40

AREA	Rural		Urban	
	Number	%	Number	%
	1156	89.61	134	10.39

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	374	28.99	159	12.33	119	9.22	638	49.46

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	4	1	2	1	9

Management	Government		Government-aided	
	Number	%	Number	%
	732	56.74	558	43.26

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
42.43	**43.83**	**41.15**	**42.39**	**42.79**	**41.65**	**43.45**	**37.56**	**42.14**	**46.89**	**44.52**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	44.03
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	42.92
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	58.30
M421	Represent the collected information in tables and bar graphs and draws inferences from these	48.37
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	47.91
M504	Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation	43.59
M505	Finds the number corresponding to part of a collection	51.09
M506	Identifies and forms equivalent fractions of a given fraction	32.87
M508	Converts fractions into decimals and vice versa	41.85
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	36.17
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	44.69
M513	Estimates the volume of a solid body in known units.	27.54
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	34.61
M515	Identifies the pattern in triangular numbers and square number	32.64
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	51.09

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
407	31.55	483	37.44	276	21.40	124	9.61

Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (27.54)

2 - Identifies the pattern in triangular numbers and square number (32.64)

3 - Identifies and forms equivalent fractions of a given fraction (32.87)

4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (34.61)

5 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (36.17)

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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