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

District Report Card: 2017	
State: Bihar	**District:** Nawada
Class: 5	**Subject:** Mathematics
Schools: 61	**Students:** 1062

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	485	45.67	577	54.33

AREA	Rural		Urban	
	Number	%	Number	%
	1045	98.40	17	1.60

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	274	25.80	2	0.19	666	62.71	120	11.30

CWSN	LD	VI	HI	S&LD	ID	Oth
	5	2	0	2	3	16

Management	Government		Government-aided	
	Number	%	Number	%
	1062	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
52.91	53.83	52.13	52.71	65.10	52.91	0.00	46.55	43.33	55.55	52.94

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	46.89
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	57.25
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	75.03
M421	Represent the collected information in tables and bar graphs and draws inferences from these	52.73
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	65.63
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	48.70
M505	Finds the number corresponding to part of a collection	52.81
M506	Identifies and forms equivalent fractions of a given fraction	44.73
M508	Converts fractions into decimals and vice versa	50.00
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	49.19
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	64.31
M513	Estimates the volume of a solid body in known units.	45.04
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	50.26
M515	Identifies the pattern in triangular numbers and square number	39.36
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	41.08

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
216	20.34	248	23.35	406	38.23	192	18.08

Lowest Performing Learning Outcomes (LOs)

1 - Identifies the pattern in triangular numbers and square number (39.36)

2 - Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it (41.08)

3 - Identifies and forms equivalent fractions of a given fraction (44.73)

4 - Estimates the volume of a solid body in known units. (45.04)

5 - Applies operations of numbers in daily life situations (46.89)

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