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

District Report Card: 2017	
State: Jharkhand	**District:** Ranchi
Class: 5	**Subject:** Mathematics
Schools: 58	**Students:** 1016

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	493	48.52	523	51.48

AREA	Rural		Urban	
	Number	%	Number	%
	803	79.04	213	20.96

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	96	9.45	497	48.92	393	38.68	30	2.95

CWSN	LD	VI	HI	S&LD	ID	Oth
	14	3	2	1	6	1

Management	Government		Government-aided	
	Number	%	Number	%
	765	75.30	251	24.70

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
57.57	**57.40**	**57.72**	**56.28**	**62.41**	**59.72**	**51.00**	**53.26**	**54.77**	**61.65**	**64.22**

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	47.05
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	56.00
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	71.37
M421	Represent the collected information in tables and bar graphs and draws inferences from these	64.17
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	62.20
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	62.40
M505	Finds the number corresponding to part of a collection	54.57
M506	Identifies and forms equivalent fractions of a given fraction	44.88
M508	Converts fractions into decimals and vice versa	57.20
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	65.54
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	60.47
M513	Estimates the volume of a solid body in known units.	40.20
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	50.95
M515	Identifies the pattern in triangular numbers and square number	55.81
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	72.67

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
156	15.35	234	23.03	356	35.04	270	26.57

Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (40.20)

2 - Identifies and forms equivalent fractions of a given fraction (44.88)

3 - Applies operations of numbers in daily life situations (47.05)

4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (50.95)

5 - Finds the number corresponding to part of a collection (54.57)

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