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

Government of India
MHRD

NCERT

District Report Card: 2017	
State: Madhya Pradesh	**District:** Harda
Class: 5	**Subject:** Mathematics
Schools: 61	**Students:** 1044

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	465	44.54	579	55.46

AREA	Rural		Urban	
	Number	%	Number	%
	913	87.45	131	12.55

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	180	17.24	579	55.46	236	22.61	49	4.69

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	7	0	0	5	33

Management	Government		Government-aided	
	Number	%	Number	%
	1015	97.22	29	2.78

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
48.68	48.56	48.79	48.78	48.04	48.20	65.75	49.30	47.29	51.61	48.84

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	37.74
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	51.08
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	66.24
M421	Represent the collected information in tables and bar graphs and draws inferences from these	52.78
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	56.61
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	49.34
M505	Finds the number corresponding to part of a collection	50.67
M506	Identifies and forms equivalent fractions of a given fraction	42.24
M508	Converts fractions into decimals and vice versa	56.36
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	48.07
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	45.59
M513	Estimates the volume of a solid body in known units.	29.35
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	43.25
M515	Identifies the pattern in triangular numbers and square number	38.51
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	61.73

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
240	22.99	321	30.75	354	33.91	129	12.36

Lowest Performing Learning Outcomes (LOs)

1 - Estimates the volume of a solid body in known units. (29.35)

2 - Applies operations of numbers in daily life situations (37.74)

3 - Identifies the pattern in triangular numbers and square number (38.51)

4 - Identifies and forms equivalent fractions of a given fraction (42.24)

5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (43.25)

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