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

District Report Card: 2017	
State: Gujarat	**District:** Ahmedabad
Class: 5	**Subject:** Mathematics
Schools: 61	**Students:** 1504

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	703	46.74	801	53.26

AREA	Rural		Urban	
	Number	%	Number	%
	824	54.79	680	45.21

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	213	14.16	49	3.26	984	65.43	258	17.15

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	20	1	0	7	36

Management	Government		Government-aided	
	Number	%	Number	%
	1432	95.21	72	4.79

Average Performance of Students in Mathematics (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
55.84	54.90	56.66	52.74	59.59	56.71	38.43	59.19	45.71	54.70	59.35

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	57.71
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	45.24
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	70.18
M421	Represent the collected information in tables and bar graphs and draws inferences from these	62.50
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	57.25
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	55.08
M505	Finds the number corresponding to part of a collection	58.44
M506	Identifies and forms equivalent fractions of a given fraction	43.55
M508	Converts fractions into decimals and vice versa	53.17
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	54.00
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	65.37
M513	Estimates the volume of a solid body in known units.	46.43
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	51.94
M515	Identifies the pattern in triangular numbers and square number	47.27
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	65.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
215	14.30	386	25.66	598	39.76	305	20.28

Lowest Performing Learning Outcomes (LOs)

1 - Identifies and forms equivalent fractions of a given fraction (43.55)

2 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (45.24)

3 - Estimates the volume of a solid body in known units. (46.43)

4 - Identifies the pattern in triangular numbers and square number (47.27)

5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (51.94)

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