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

विद्या ऽ मृतमश्नुते
NCERT

District Report Card: 2017	
State: Telangana	**District:** NIZAMABAD
Class: 8	**Subject:** Mathematics
Schools: 51	**Students:** 1161

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	518	44.62	643	55.38

AREA	Rural		Urban	
	Number	%	Number	%
	915	78.81	246	21.19

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	232	19.98	162	13.95	635	54.69	132	11.37

CWSN	LD	VI	HI	S&LD	ID	Oth
	0	0	4	3	2	2

MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	1085	93.45	76	6.55

Average Performance of Students in EVS (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
41.48	42.06	41.02	39.57	48.59	42.08	32.98	42.93	41.81	41.56	38.13

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	41.72
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	43.10
M620	Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.	41.09
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	44.66
M702	Interprets the division and multiplication of fractions	41.43
M705	Solves problems related to daily life situations involving rational numbers	49.27
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	43.72
M707	Adds/subracts algebraic expressions	46.86
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	27.88
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	34.83
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	51.77
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	51.29
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	36.66
M802	Finds rational numbers between two given rational numbers	41.14
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	47.59
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	45.09
M808	Use various algebric identities in solving problems of daily life.	48.71
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	26.40
M818	Finds surface area and volume of cuboidal and cylindrical object	30.12
M819	Draws and interprets bar charts and pie charts	36.69

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
431	37.12	359	30.92	242	20.84	129	11.11

Lowest Performing Learning Outcomes (LOs)

1. Verifies properties of parallelogram and establishes the relationship between them through reasoning (26.4)
2. Solves problems related to conversion of percentage to fraction and decimal and vice versa (27.88)
3. Solves problems related to conversion of percentage to fraction and decimal and vice versa (30.12)
4. Finds out approximate area of closed shapes by using unit square grid/ graph sheet (34.83)
5. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (36.66)

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