



District Report Card: 2017


State: Tripura	District: Unakoti
Class: 8	Subject: Mathematics
Schools: 51	Students: 983


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	383	38.96	600	61.04

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	820	83.42	163	16.58

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	232	23.60	209	21.26	268	27.26	274	27.87

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	2	0	1	0	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	941	95.73	42	4.27

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.51	35.96	36.86	35.39	42.13	35.67	55.24	33.82	34.13	43.38	33.87

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	31.72
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	27.68
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.	37.01
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	39.19
M702	Interprets the division and multiplication of fractions	30.93
M705	Solves problems related to daily life situations involving rational numbers	32.76
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	27.05
M707	Adds/subtracts algebraic expressions	47.20
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	22.75
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	26.46
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	46.08
M721	Interprets data using bar graph	49.80
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	26.02
M802	Finds rational numbers between two given rational numbers	44.06
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	40.00
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	35.86
M808	Uses various algebraic identities in solving problems of daily life	52.87
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	29.97
M818	Finds surface area and volume of cuboidal and cylindrical object	31.15
M819	Draws and interprets bar charts and pie charts	39.88

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
405	41.20	366	37.23	161	16.38	51	5.19

Lowest Performing Learning Outcomes (LOs)

- 1 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (22.75)
- 2 - Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns (26.02)
- 3 - Finds out approximate area of closed shapes by using unit square grid/graph sheet (26.46)

- 4 - Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers (27.05)
- 5 - Solves problems on daily life situations involving addition and subtraction of fractions / decimals (27.68)