



District Report Card: 2017


State: Sikkim	District: East Sikkim
Class: 5	Subject: Mathematics
Schools: 52	Students: 909


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	441	48.51	468	51.49

AREA 	Rural		Urban	
	Number	%	Number	%
	553	60.84	356	39.16

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	90	9.90	276	30.36	329	36.19	214	23.54

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	0	2	2	5	3

Management 	Government		Government-aided	
	Number	%	Number	%
	879	96.70	30	3.30

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
38.69	38.84	38.55	39.87	36.85	38.48	44.89	34.96	39.95	37.73	40.09

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	22.88
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	40.32
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	56.45
M421	Represent the collected information in tables and bar graphs and draws inferences from these	46.42
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	37.51
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	42.34
M505	Finds the number corresponding to part of a collection	48.22
M506	Identifies and forms equivalent fractions of a given fraction	32.56
M508	Converts fractions into decimals and vice versa	47.61
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	45.47
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	39.36
M513	Estimates the volume of a solid body in known units.	21.41
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	25.30
M515	Identifies the pattern in triangular numbers and square number	27.28
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	57.87

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
293	32.23	402	44.22	192	21.12	22	2.42

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (21.41)
- 2 - Applies operations of numbers in daily life situations (22.88)
- 3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (25.30)
- 4 - Identifies the pattern in triangular numbers and square number (27.28)
- 5 - Identifies and forms equivalent fractions of a given fraction (32.56)