



District Report Card: 2017


State: Mizoram	District: Saiha
Class: 8	Subject: Mathematics
Schools: 41	Students: 449


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	208	46.33	241	53.67

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	296	65.92	153	34.08

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	1	0.22	448	99.78	0	0.00	0	0.00

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	395	87.97	54	12.03

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.02	34.04	37.73	36.78	34.55	36.61	31.73	40.00	36.01	0.00	0.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	42.67
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	37.33
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.	34.12
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	25.33
M702	Interprets the division and multiplication of fractions	31.40
M705	Solves problems related to daily life situations involving rational numbers	40.53
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers	20.09
M707	Adds/subtracts algebraic expressions	35.63
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	24.55
M717	Finds out approximate area of closed shapes by using unit square grid/graph sheet	30.67
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	53.12
M721	Interprets data using bar graph	46.43
M801	Generalizes properties of addition, subtraction, multiplication and division of rational numbers through patterns	31.70
M802	Finds rational numbers between two given rational numbers	23.21
M803	Proves divisibility rules of 2, 3, 4, 5, 6, 9 and 11	45.78
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods	27.68
M808	Uses various algebraic identities in solving problems of daily life	33.93
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	27.30
M818	Finds surface area and volume of cuboidal and cylindrical object	30.80
M819	Draws and interprets bar charts and pie charts	50.78

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
169	37.64	206	45.88	67	14.92	7	1.56

Lowest Performing Learning Outcomes (LOs)

- 1 - Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers (20.09)
- 2 - Finds rational numbers between two given rational numbers (23.21)
- 3 - Solves problems related to conversion of percentage to fraction and decimal and vice versa (24.55)

- 4 - Arranges given/collected information in the form of table, pictograph and bar graph and interprets them (25.33)
- 5 - Verifies properties of parallelogram and establishes the relationship between them through reasoning (27.30)