



District Report Card: 2017


State: Maharashtra	District: Satara
Class: 5	Subject: Mathematics
Schools: 61	Students: 1393


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	720	51.69	673	48.31

AREA 	Rural		Urban	
	Number	%	Number	%
	1114	79.97	279	20.03

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	170	12.20	16	1.15	481	34.53	726	52.12

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	11	3	0	0	26

Management 	Government		Government-aided	
	Number	%	Number	%
	371	26.63	1022	73.37

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
55.88	54.33	57.54	56.38	53.91	68.63	51.26	53.61	55.00	55.41	56.75

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	30.44
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	58.29
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	64.74
M421	Represent the collected information in tables and bar graphs and draws inferences from these	70.21
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	67.26
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	53.82
M505	Finds the number corresponding to part of a collection	59.59
M506	Identifies and forms equivalent fractions of a given fraction	45.30
M508	Converts fractions into decimals and vice versa	56.71
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	64.00
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	51.95
M513	Estimates the volume of a solid body in known units.	39.86
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	48.25
M515	Identifies the pattern in triangular numbers and square number	55.71
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	72.01

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
234	16.80	375	26.92	441	31.66	343	24.62

Lowest Performing Learning Outcomes (LOs)

- 1 - Applies operations of numbers in daily life situations (30.44)
- 2 - Estimates the volume of a solid body in known units. (39.86)
- 3 - Identifies and forms equivalent fractions of a given fraction (45.30)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (48.25)
- 5 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (51.95)