



District Report Card: 2017


State: Tamil Nadu	District: Sivaganga
Class: 5	Subject: Mathematics
Schools: 57	Students: 771


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	387		50.19		384		49.81	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	586		76.01		185		23.99	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	154	19.97	0	0.00	574	74.45	43	5.58

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	483		62.65	288		37.35

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
53.68	52.59	54.77	53.80	53.30	51.91	56.64	53.55	0.00	54.19	47.29

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	52.79
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	48.01
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	68.03
M421	Represent the collected information in tables and bar graphs and draws inferences from these	67.19
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	67.83
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	45.69
M505	Finds the number corresponding to part of a collection	52.79
M506	Identifies and forms equivalent fractions of a given fraction	40.34
M508	Converts fractions into decimals and vice versa	71.88
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	44.03
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	42.13
M513	Estimates the volume of a solid body in known units.	36.34
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	47.89
M515	Identifies the pattern in triangular numbers and square number	50.32
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	75.63

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
120	15.56	236	30.61	262	33.98	153	19.84

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (36.34)
- 2 - Identifies and forms equivalent fractions of a given fraction (40.34)
- 3 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (42.13)
- 4 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (44.03)
- 5 - 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 (45.69)