



District Report Card: 2017


State: Punjab	District: Barnala
Class: 5	Subject: Mathematics
Schools: 59	Students: 1343


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	637		47.43		706		52.57	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	988		73.57		355		26.43	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	968	72.08	0	0.00	202	15.04	173	12.88

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	4	1	0	3	6	8

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1307		97.32	36		2.68

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.68	34.61	36.64	35.39	36.47	36.12	19.63	35.83	0.00	32.74	38.23

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	17.42
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	39.85
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	45.60
M421	Represent the collected information in tables and bar graphs and draws inferences from these	40.06
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	43.19
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	41.46
M505	Finds the number corresponding to part of a collection	47.07
M506	Identifies and forms equivalent fractions of a given fraction	35.07
M508	Converts fractions into decimals and vice versa	37.76
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	34.33
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	26.60
M513	Estimates the volume of a solid body in known units.	24.48
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	26.70
M515	Identifies the pattern in triangular numbers and square number	29.93
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	54.23

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
581	43.26	444	33.06	206	15.34	112	8.34

Lowest Performing Learning Outcomes (LOs)

- 1 - Applies operations of numbers in daily life situations (17.42)
- 2 - Estimates the volume of a solid body in known units. (24.48)
- 3 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (26.60)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (26.70)
- 5 - Identifies the pattern in triangular numbers and square number (29.93)