



### District Report Card: 2017


<b>State:</b> Punjab	<b>District:</b> Kapurthala
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 61	<b>Students:</b> 997


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	497	49.85	500	50.15

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	636	63.79	361	36.21

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	600	60.18	1	0.10	185	18.56	211	21.16

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	2	5	1	1	6	9

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	831	83.35	166	16.65

### Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.84	45.37	46.31	45.50	46.43	43.77	56.18	46.18	40.00	40.54	49.54

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	32.40
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	46.83
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	60.36
M421	Represent the collected information in tables and bar graphs and draws inferences from these	57.07
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	47.34
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	48.43
M505	Finds the number corresponding to part of a collection	54.09
M506	Identifies and forms equivalent fractions of a given fraction	40.52
M508	Converts fractions into decimals and vice versa	46.01
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	42.13
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	38.98
M513	Estimates the volume of a solid body in known units.	21.88
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	42.29
M515	Identifies the pattern in triangular numbers and square number	38.62
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	59.45

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
255	25.58	326	32.70	314	31.49	102	10.23

## Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (21.88)
- 2 - Applies operations of numbers in daily life situations (32.40)
- 3 - Identifies the pattern in triangular numbers and square number (38.62)
- 4 - Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa (38.98)
- 5 - Identifies and forms equivalent fractions of a given fraction (40.52)