



### District Report Card: 2017


<b>State:</b> Telangana	<b>District:</b> Khammam
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 61	<b>Students:</b> 963


### Participation/Coverage


#### Students

<b>GENDER</b> 	Boys		Girls	
	Number	%	Number	%
	388	40.29	575	59.71

<b>AREA</b> 	Rural		Urban	
	Number	%	Number	%
	736	76.43	227	23.57

<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	348	36.14	125	12.98	469	48.70	21	2.18

<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth
	1	1	0	3	0	5

<b>Management</b> 	Government		Government-aided	
	Number	%	Number	%
	892	92.63	71	7.37

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
66.04	66.41	65.80	67.22	62.23	66.13	64.98	67.32	68.48	64.38	67.62

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	69.89
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	57.82
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	76.29
M421	Represent the collected information in tables and bar graphs and draws inferences from these	76.64
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	74.56
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	66.53
M505	Finds the number corresponding to part of a collection	50.79
M506	Identifies and forms equivalent fractions of a given fraction	62.51
M508	Converts fractions into decimals and vice versa	73.66
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	67.79
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	74.40
M513	Estimates the volume of a solid body in known units.	56.96
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	62.85
M515	Identifies the pattern in triangular numbers and square number	63.14
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	59.88

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
62	6.44	170	17.65	397	41.23	334	34.68

### Lowest Performing Learning Outcomes (LOs)

- 1 - Finds the number corresponding to part of a collection (50.79)
- 2 - Estimates the volume of a solid body in known units. (56.96)
- 3 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (57.82)
- 4 - Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it (59.88)
- 5 - Identifies and forms equivalent fractions of a given fraction (62.51)