



### District Report Card: 2017


<b>State:</b> Uttar Pradesh	<b>District:</b> Basti
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 56	<b>Students:</b> 885


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	400	45.20	485	54.80

 AREA	Rural		Urban	
	Number	%	Number	%
	861	97.29	24	2.71

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	329	37.18	4	0.45	477	53.90	75	8.47

 CWSN	LD	VI	HI	S&LD	ID	Oth
	2	1	0	4	1	15

 Management	Government		Government-aided	
	Number	%	Number	%
	885	100.00	0	0.00

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

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
31.34	31.32	31.35	31.14	38.33	31.34	0.00	30.07	31.67	32.13	31.82

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	47.80
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	54.41
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	52.50
M421	Represent the collected information in tables and bar graphs and draws inferences from these	18.53
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	62.60
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	11.83
M505	Finds the number corresponding to part of a collection	41.57
M506	Identifies and forms equivalent fractions of a given fraction	9.27
M508	Converts fractions into decimals and vice versa	13.22
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	16.03
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	55.45
M513	Estimates the volume of a solid body in known units.	12.78
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	25.90
M515	Identifies the pattern in triangular numbers and square number	17.74
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	20.42

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
395	44.63	424	47.91	56	6.33	10	1.13

## Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (9.27)
- 2 - 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 (11.83)
- 3 - Estimates the volume of a solid body in known units. (12.78)
- 4 - Converts fractions into decimals and vice versa (13.22)
- 5 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (16.03)