



### District Report Card: 2017


<b>State:</b> Bihar	<b>District:</b> Samastipur
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 59	<b>Students:</b> 1365


### Participation/Coverage


#### Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	646		47.33		719		52.67	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1341		98.24		24		1.76	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	457	33.48	0	0.00	806	59.05	102	7.47

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	7	1	0	1	1	0

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1365		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
55.98	54.30	57.49	56.35	35.56	55.98	0.00	55.11	0.00	56.45	56.14

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	47.03
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	56.26
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	68.74
M421	Represent the collected information in tables and bar graphs and draws inferences from these	58.97
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	64.76
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	51.02
M505	Finds the number corresponding to part of a collection	56.51
M506	Identifies and forms equivalent fractions of a given fraction	55.75
M508	Converts fractions into decimals and vice versa	57.73
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	54.56
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	58.89
M513	Estimates the volume of a solid body in known units.	51.69
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	48.61
M515	Identifies the pattern in triangular numbers and square number	50.70
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	66.91

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
213	15.60	360	26.37	455	33.33	337	24.69

### Lowest Performing Learning Outcomes (LOs)

- 1 - Applies operations of numbers in daily life situations (47.03)
- 2 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (48.61)
- 3 - Identifies the pattern in triangular numbers and square number (50.70)
- 4 - 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 (51.02)
- 5 - Estimates the volume of a solid body in known units. (51.69)