



District Report Card: 2017


State: Bihar	District: Siwan
Class: 5	Subject: Mathematics
Schools: 58	Students: 1236


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	533	43.12	703	56.88

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1173	94.90	63	5.10

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	171	13.83	76	6.15	885	71.60	104	8.41

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

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	1236	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
57.54	56.95	57.99	57.76	53.44	57.54	0.00	56.73	60.53	56.70	63.85

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	47.01
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	55.65
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	76.99
M421	Represent the collected information in tables and bar graphs and draws inferences from these	66.10
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	64.08
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	50.32
M505	Finds the number corresponding to part of a collection	53.02
M506	Identifies and forms equivalent fractions of a given fraction	48.95
M508	Converts fractions into decimals and vice versa	62.58
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	59.67
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	56.33
M513	Estimates the volume of a solid body in known units.	59.35
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	53.30
M515	Identifies the pattern in triangular numbers and square number	45.79
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	62.50

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
158	12.78	275	22.25	531	42.96	272	22.01

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies the pattern in triangular numbers and square number (45.79)
- 2 - Applies operations of numbers in daily life situations (47.01)
- 3 - Identifies and forms equivalent fractions of a given fraction (48.95)
- 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 (50.32)
- 5 - Finds the number corresponding to part of a collection (53.02)