



District Report Card: 2017


State: Bihar	District: Patna
Class: 5	Subject: Mathematics
Schools: 59	Students: 1198


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	523		43.66		675		56.34	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	938		78.30		260		21.70	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	306	25.54	2	0.17	793	66.19	97	8.10

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	0	0	0	2	3

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	1198		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
53.90	51.85	55.49	51.76	61.64	53.90	0.00	50.31	33.33	55.50	52.58

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	45.99
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	52.49
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	71.00
M421	Represent the collected information in tables and bar graphs and draws inferences from these	58.51
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	65.53
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	49.83
M505	Finds the number corresponding to part of a collection	53.90
M506	Identifies and forms equivalent fractions of a given fraction	45.49
M508	Converts fractions into decimals and vice versa	51.00
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	50.00
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	62.75
M513	Estimates the volume of a solid body in known units.	43.02
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	48.90
M515	Identifies the pattern in triangular numbers and square number	48.25
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	61.24

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
198	16.53	337	28.13	421	35.14	242	20.20

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (43.02)
- 2 - Identifies and forms equivalent fractions of a given fraction (45.49)
- 3 - Applies operations of numbers in daily life situations (45.99)
- 4 - Identifies the pattern in triangular numbers and square number (48.25)
- 5 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (48.90)