



District Report Card: 2017


State: West Bengal	District: Purba Bardhaman
Class: 5	Subject: Mathematics
Schools: 61	Students: 1262


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	540		42.79		722		57.21	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	1059		83.91		203		16.09	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	499	39.54	142	11.25	302	23.93	319	25.28

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

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	668		52.93	594		47.07

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
52.54	51.74	53.13	53.62	46.90	52.99	52.02	48.47	55.21	53.75	56.55

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	56.02
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	48.09
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	69.21
M421	Represent the collected information in tables and bar graphs and draws inferences from these	63.23
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	55.63
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	58.68
M505	Finds the number corresponding to part of a collection	57.91
M506	Identifies and forms equivalent fractions of a given fraction	43.26
M508	Converts fractions into decimals and vice versa	53.03
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	47.20
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	49.21
M513	Estimates the volume of a solid body in known units.	39.17
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	44.51
M515	Identifies the pattern in triangular numbers and square number	42.87
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	60.25

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
259	20.52	338	26.78	429	33.99	236	18.70

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (39.17)
- 2 - Identifies the pattern in triangular numbers and square number (42.87)
- 3 - Identifies and forms equivalent fractions of a given fraction (43.26)
- 4 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (44.51)
- 5 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (47.20)