



District Report Card: 2017


State: West Bengal	District: Puruliya
Class: 5	Subject: Mathematics
Schools: 61	Students: 1179


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	619	52.50	560	47.50

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	1058	89.74	121	10.26

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	277	23.49	257	21.80	447	37.91	198	16.79

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	5	2	2	0	1

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	63	5.34	1116	94.66

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
45.55	47.18	43.75	45.62	44.96	57.14	44.90	45.03	41.95	45.83	50.34

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	45.12
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	47.21
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	62.37
M421	Represent the collected information in tables and bar graphs and draws inferences from these	50.55
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	55.73
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	50.34
M505	Finds the number corresponding to part of a collection	45.61
M506	Identifies and forms equivalent fractions of a given fraction	39.02
M508	Converts fractions into decimals and vice versa	44.84
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	43.75
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	44.90
M513	Estimates the volume of a solid body in known units.	33.16
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	38.18
M515	Identifies the pattern in triangular numbers and square number	36.73
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	45.75

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
318	26.97	402	34.10	331	28.07	128	10.86

Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates the volume of a solid body in known units. (33.16)
- 2 - Identifies the pattern in triangular numbers and square number (36.73)
- 3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (38.18)
- 4 - Identifies and forms equivalent fractions of a given fraction (39.02)
- 5 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (43.75)