



District Report Card: 2017


State: Andhra Pradesh	District: Kadapa
Class: 5	Subject: Mathematics
Schools: 52	Students: 798


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys				Girls			
	Number		%		Number		%	
	365		45.74		433		54.26	

<div>AREA</div> <div></div>	Rural				Urban			
	Number		%		Number		%	
	565		70.80		233		29.20	

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	285	35.71	29	3.63	362	45.36	122	15.29

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	1	0	1	2	0	11

<div>Management</div> <div></div>	Government			Government-aided		
	Number		%	Number		%
	740		92.73	58		7.27

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
70.37	70.81	69.99	70.77	69.38	69.63	79.77	64.58	72.87	73.85	72.95

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	75.94
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	52.74
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	81.71
M421	Represent the collected information in tables and bar graphs and draws inferences from these	83.83
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	67.29
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	68.43
M505	Finds the number corresponding to part of a collection	64.47
M506	Identifies and forms equivalent fractions of a given fraction	61.15
M508	Converts fractions into decimals and vice versa	75.46
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	67.68
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	78.07
M513	Estimates the volume of a solid body in known units.	63.71
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	71.80
M515	Identifies the pattern in triangular numbers and square number	58.02
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	79.04

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
33	4.14	108	13.53	309	38.72	348	43.61

Lowest Performing Learning Outcomes (LOs)

- 1 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (52.74)
- 2 - Identifies the pattern in triangular numbers and square number (58.02)
- 3 - Identifies and forms equivalent fractions of a given fraction (61.15)
- 4 - Estimates the volume of a solid body in known units. (63.71)
- 5 - Finds the number corresponding to part of a collection (64.47)