NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
NATIONAL ACHIEVEMENT SURVEY - NAS
(Survey of Learning Outcomes)

District Report Card: 2017	
State: Punjab	**District:** Barnala
Class: 3	**Subject:** Mathematics
Schools: 61	**Students:** 1113

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	565	50.76	548	49.24

AREA	Rural		Urban	
	Number	%	Number	%
	833	74.84	280	25.16

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	821	73.76	0	0.00	178	15.99	114	10.24

CWSN	LD	VI	HI	S&LD	ID	Oth
	1	2	0	1	0	12

Management	Government		Government-aided	
	Number	%	Number	%
	1097	98.56	16	1.44

Average Performance of Students in Mathematics (%)										
Overall	**Gender**		**Area**		**Management**		**Social Group**			
	Male	**Female**	**Rural**	**Urban**	**Govt.**	**Aided**	**SC**	**ST**	**OBC**	**GEN**
45.64	44.21	47.10	44.26	49.74	46.08	15.00	45.86	0.00	46.74	42.28

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	45.30
M302	Compares numbers up to 999 based on their place values	59.93
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	40.52
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	46.45
M305	Analyses and applies an appropriate number operation in the situation/ context	41.87
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	46.90
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	62.22
M311	Fills a given region leaving no gaps using a tile of a given shape	14.65
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	17.50
M317	Reads the time correctly to the hour using a clock/watch	56.78
M318	Extends patterns in simple shapes and numbers	34.80
M319	Records data using tally marks, represents pictorially and draws conclusions	60.56

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
310	27.85	323	29.02	321	28.84	159	14.29

Lowest Performing Learning Outcomes (LOs)

1 - Fills a given region leaving no gaps using a tile of a given shape (14.65)

2 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (17.50)

3 - Extends patterns in simple shapes and numbers (34.80)

4 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (40.52)

5 - Analyses and applies an appropriate number operation in the situation/ context (41.87)

CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment; **S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

2