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

District Report Card: 2017	
State: Himachal Pradesh	**District:** Solan
Class: 3	**Subject:** Mathematics
Schools: 61	**Students:** 862

Participation/Coverage

Students

GENDER	Boys		Girls	
	Number	%	Number	%
	448	51.97	414	48.03

AREA	Rural		Urban	
	Number	%	Number	%
	764	88.63	98	11.37

CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	280	32.48	42	4.87	19	2.20	521	60.44

CWSN	LD	VI	HI	S&LD	ID	Oth
	2	2	0	3	3	4

Management	Government		Government-aided	
	Number	%	Number	%
	855	99.19	7	0.81

Average Performance of Students in Mathematics (%)										
Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
57.43	57.78	57.05	58.93	45.78	57.16	90.48	58.71	52.54	61.40	56.99

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	46.32
M302	Compares numbers up to 999 based on their place values	80.05
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	51.69
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	57.95
M305	Analyses and applies an appropriate number operation in the situation/ context	51.16
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	53.36
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	71.06
M311	Fills a given region leaving no gaps using a tile of a given shape	36.78
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	31.38
M317	Reads the time correctly to the hour using a clock/watch	75.64
M318	Extends patterns in simple shapes and numbers	49.18
M319	Records data using tally marks, represents pictorially and draws conclusions	70.88

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
95	11.02	229	26.57	362	42.00	176	20.42

Lowest Performing Learning Outcomes (LOs)

1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (31.38)

2 - Fills a given region leaving no gaps using a tile of a given shape (36.78)

3 - Reads and writes numbers up to 999 using place value (46.32)

4 - Extends patterns in simple shapes and numbers (49.18)

5 - Analyses and applies an appropriate number operation in the situation/ context (51.16)

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