

**STUDENTS' PERCEPTION TOWARDS HOMEWORK IN MATHEMATICS LEARNING**

**A**

**THESIS**

**BY**

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**FOR THE PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE DEGREE OF MASTER OF  
EDUCATION**

**SUBMITTED**

**TO**

**DEPARTMENT OF MATHEMATICS EDUCATION**

**CENTRAL DEPARTMENT OF EDUCATION**

**UNIVERSITY CAMPUS**

**TRIBHUVAN UNIVERSITY**

**KIRTIPUR, NEPAL**

**2019**

## LETTER OF CERTIFICATE

This

is to certify that Mr. Deepak Bahadur Bista a student of academic year 2072/3 with campus Roll Number 37, Thesis Number 1416, Exam Roll Number 7228272 (2075) and TU registration number 9-2-329-511- 2011 has completed this thesis for the period prescribed by the rules and regulations of Tribhuvan University, Nepal. This thesis entitled '**Students' Perception towards Homework in Mathematics Learning**' has been prepared based on the results of his investigation. I, hereby recommend and forward that his thesis be submitted for the evaluation as the partial requirements to award the degree of Master of Education.

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Assoc. Prof. Laxmi Narayan Yadav(Head)

Date: April 22, 2019

**LETTER OF APPROVAL**

This

thesis entitled “**Students’ Perception towards Homework in Mathematics Learning**” submitted by Mr. Deepak Bahadur Bist in partial fulfillment of the requirements for the Master's Degree in Education has been approved.

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Date: May 20, 2019

### RECOMMENDATION FOR ACCEPTANCE

This is to certify that Mr. Deepak Bahadur Bist has completed his M. Ed. thesis entitled "**Students' Perception towards Homework in Mathematics Learning**" under my supervision during the period prescribed the rules and regulations of Tribhuvan University, Kirtipur, Kathmandu, Nepal. I recommended and forward his thesis to the Department of Mathematics Education to organize final viva-voce.

.....

(Mr. Krishna Prashad Bhatt)

Supervisor

Date: .....

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**DEDICATION**

To my parents

## DECLARATION

This dissertation contains no material which has been accepted for the award of other degree in any institutions. To the best of my knowledge and belief, this thesis contains no material previously published by any authors except due acknowledgement has been made.

.....

Deepak Bahadur Bist

Date: .....

## ACKNOWLEDGEMENTS

Firs

t and Foremost, I would like to express great piece of appreciation to my research supervisor, Mr Krishna Prashad Bhatt, for his apporachable suggestions and professional guidance during the research work. I am really indebted to him for his incredible ideas.

I

would also like to thank Assoc. Prof. Laxmi Narayan Yadav, Head of Department of Mathematics Education and Computer, for his advice to this research and, encouragement throughout my master degree in mathematics education. I am equally thankful to Assoc. Prof. Dr.EkaRatnaAcharya and Mr. Deepak Mainali, Department of Mathematics Education and Computer.

My

grateful thanks are also extended to the teachers of Central Department of Education for their valuable support and suggestions during the whole research work

Spe

cial thanks should be given to my own classmate Mr Dev Raj Pant for his incredible ideas and technical support.

As

the final note of appreciation, I must express my very profound gratitude to my parents and, more importantly, I wish to thank my loving and supportive wife, Janaki and my pretty daughter, Sophia, who provide unending inspiration providing me with unfailing support and continuous encouragement throughout my years of study.

Tha

nk you all the participants for your valuable opinion and your willingness has made my research meaningful.

.....

Deepak BahadurBist



## ABSTRACT

Assigning homework to improve achievement of students in mathematics motivates them towards learning. The primary purpose of this study was to identify students' perceptions towards homework in mathematics. To accomplish this objective, the researcher employed a cross-sectional survey in order to complete this study. The sample of the study comprised 120 students, those studying at grade 10, from Kathmandu Valley using random sampling techniques. The researcher used a questionnaire and semi-structured interview as the primary data collection tools. More importantly, the researcher performed SPSS 21.0 statistical software to analyze the data obtained from the questionnaire and thematic approach in order to analyze the data obtained from the semi-structured interview. The result of the data analysis showed that students perceived homework in mathematics positively. Furthermore, the data showed that assignment was useful to understand mathematics more deeply and meaningfully. In addition to this, sample of study underscored that homework reflects their own learning progress, however it was also accentuated that they did not have enough time for extracurricular activities. There were six factors that significantly affect student perceptions towards Homework in mathematics. These factors were individual skills of language, math, and reasoning along with motivation, quality of the assignment, teacher feedback, and the environment in which homework is completed. It is affirmed that the amount of homework and students' progress record must be matched before assigning it.

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## ACRONYMS

NASA = National Assessment of Students Achievement.

NCTM = National Council of Teachers of Mathematics.

SPSS = Statistical Package for Social Science.