

**STRATEGIES TAKEN BY COMMUNITY SCHOOL FOR THE IMPROVEMENT OF  
MATHEMATICS ACHIEVEMENT**

**A  
THESIS SUBMITTED  
BY  
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## Letter of Certificate

This is to certify that Mr. Sandip Thapa, a student of academic year 2067/2069 with campus Roll no.2490 exam roll no.281595, thesis registration number 9-2-299-195-2005 has completed this thesis under my supervision during the period prescribed by the rules and regulations of Tribhuvan University, Nepal. The thesis entitled **“Strategies Taken by Community School for the Improvement of Mathematics Achievement”** embodied the result of his investigation conducting during the period of 2014 under the Department of Mathematics Education, Central Department of Education, University Campus, Tribhuvan University Kathmandu. I recommend and forward that his thesis be submitted for the evaluation for awarding the degree of Master of Education.

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Date:.....

## **ABSTRACT**

This is a case study related to the prime concern of this study was to find out the mathematics achievement of community schools and their strategies for mathematical improvement, specifically learning strategies promoted by community-based school in Nawalaparai District. Particularly, it is a case study that attempts to analyze the teacher and students work in classroom, analyze the learning environment for mathematics learning, to identify the teaching methods used by mathematics teacher for mathematics instruction, to identify the instructional strategies promoted by school for mathematics teaching and learning and to find out additional support for low performer in mathematics. The face-to-face interview with students, parents, mathematics teacher and Head Teacher is also taken. Such collected data were analyzed by using thematic categorization and interpreted according to the theory of school improvement.

The finding of this study shows that only the method and material are not sufficient for school improvement and to achieve better result in mathematics. Teachers, Students and community member are highly concerned about the school. Teacher and their teaching methods are not only main factors of school improvement. Overall learning environment including parental involvement evaluation system and techniques, regular meeting of the staff and management committee are supporting agents for better achievement. Also instructional strategies reinforcement and additional support for low performer, qualified and experienced teacher are the vital factor of better achievement in mathematics.

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## **BIBLIOGRAPHY**

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## ABBREVIATIONS

DOE	:	Department of Education
EFA	:	Education For All
NGO	:	Non –governmental Organization
SIP	:	School Improvement Plan
SLC	:	School leaving certificates
MOES	:	Ministry of Education and Sport
SMC	:	School Management Community
MOES	:	Ministry of education and Sports
SMC	:	School Management committee
PTA	:	Personal Training Academy
CERID	:	Research Centre for Education Innovation and Development
GCA	:	District Education Office