

**INVESTIGATION OF ATTITUDES OF PRIMARY SEVEN GIRLS TOWARDS  
MATHEMATICS IN BUYINYA SUB-COUNTY,  
NAMAYINGO DISTRICT**

**BY**

**OTHIENO REGINAL**

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**A RESEARCH PROPOSAL SUBMITTED IN PARTIAL FULFILLMENT OF THE  
REQUIREMENT FOR THE AWARD OF THE DEGREE OF BACHELOR IN  
PRIMARY EDUCATION OF BUSITEMA UNIVERSITY**

**APRIL, 2022**

## DECLARATION

I, Othieno Reginal declare that this research report was entirely done by me and therefore it is my original work which has never been submitted for any award in any other university or institution of learning

Signature

A handwritten signature in blue ink, appearing to read 'Reginal', written over a vertical line.

Date.:10<sup>th</sup> /May/2022

**APPROVAL**

I, Solomon Ochwo-Oburu (Supervisor) hereby certify that this Research Report entitled “Investigation of Attitudes of Primary Seven class towards Mathematics in Buyinja Sub-County” should be submitted to examiners for the award of Bachelor of Primary Education

Signature.....

Date.....

## **DEDICATION**

Special dedication goes to the wives Nyadoi Annet and Akuku Racheal inclusive all our children. These are Apio winne ,Ochiengi Wickliffee , Apio Davin ,Adongo Doreen ,Omala Walter ,Akello Marry Jaccobs , Amali Gloria , Apio Cisy , Apio Reginah ,Odongo Emmanuel , Apio Lynn , Othieno Elam and Credit also goes to my mother Akola Tolofisa for the prayers and financial support. The colleagues in teaching should also be commended.

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Lastly I thank the almighty God for granting me funds and good health to complete my studies

## **ABSTRACT**

The purpose of the research was to establish the relationship between sex or gender and learning of mathematics in Buyinja primary schools. Buyinja is most suitable for this research study because of the much interest parents have in taking their children to school. Yet much as the government has tried to improve the welfare of teachers by increasing their salaries, paying teachers on time and providing improved accommodation, the performance of pupils especially the girl-child in mathematics at primary leaving examination has continued to deteriorate.

The investigative study found out that most of the girls in primary seven classes in Buyinja Sub County did not favor learning of mathematics. The most important reason raised was pedagogical, culture and teacher factor.

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## **CHAPTER ONE**

### **INTRODUCTION**

#### **1.1 Introduction and background**

This research study is an investigation of Primary seven girls' attitude towards mathematics in Buyinja Sub County, Namayingo District (2022).

It is one of the districts that border Lake Victoria Buyinja Sub county is located in Namayingo district- a newly catered administrative area. People who live the area as natives are Basoga, Basamia, Jopadhola, Iteso, and Banyankole and so on.

Buyinja is located in the northern shores of Lake Victoria about 30kilomemtres from the biggest town.. The total population is about 30,000 people- mainly Bantu speaking and a good percentage speaks Luo language.

Their main occupation is mixed farming with. Majority of the people are peasants. The major food crops are millet, sorghum, cassava and peas. The people keep cattle, sheep and goats are the main domestic animals. Animal trade is also a major economic activity. Fishing is also an active income generating activity.

The inhabitants of the area are much interested in education of their offspring. To this effect, Buyinjahas basically 5 primary schools of which twoare government aided. Some of these schools are Kifuyo, Jaaami, Lwaagisia, Bugoma and BuchweraPrimary Schools. There are about ten schools of which two are privately owned. There are also 3 secondary schools, one government school and the rest privately owned.

Buyinja is most suitable for this research study because of the much interest parents have in taking their children to school. Yet much as the government has tried to improve the welfare of teachers by increasing their salaries, paying teachers on time and providing improved

## REFERENCES

- Akena, F. A. (2022). The “Miss Curvy Uganda” pageant: representation, commodification and exploitation of women’s bodies. *Social Semiotics*, 32(2), 224-239.
- Bage, T. A., & Abdulhamid, G. M. IMPROVING GIRL–CHILD PARTICIPATION IN SCIENCE TECHNOLOGY AND MATHEMATICS EDUCATION: A BASIS FOR SUSTAINABLE NATIONAL DEVELOPMENT.
- Chebii, J. K. (2009). Challenges of Teaching Mathematics to Girl with Special Needs: A case study of Kamariny Zone Keiyo District Kenya.
- Giri, S. N. (2004). High achievement in mathematics and the girl child. *epiSTEME-1*, 114.
- Ibrokhimovich, F. J., & Mirzaxolmatovna, X. Z. (2022). THE MOST IMPORTANT ROLE OF MATHEMATICS IN PRIMARY SCHOOL. *Galaxy International Interdisciplinary Research Journal*, 10(3), 652-655.
- Kaahwa, J. (2012). Culture, environment and mathematics learning in Uganda. In *Learning Mathematics* (pp. 149-164). Routledge.
- Mahamad, S., Ibrahim, M. N., & Taib, S. M. (2010). M-learning: A new paradigm of learning mathematics in Malaysia. *arXiv preprint arXiv:1009.1170*.
- Moschkovich, J. N. (2010). Language (s) and learning mathematics: Resources, challenges, and issues for research.