

FEMALE INTEREST IN CODING CLUBS

BY

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BEING A RESEARCH PROJECT SUBMITTED TO THE DEPARTMENT OF SCIENCE EDUCATION, FACULTY
OF EDUCATION, UNIVERSITY OF LAGOS, AKOKA, LAGOS STATE

IN PARTIAL FULFILMENT OF THE REQUIREMENTS FOR THE AWARD OF BACHELOR OF SCIENCE (B.Sc.)
DEGREE IN SCIENCE EDUCATION

[MONTH, YEAR]

CERTIFICATION

This is to certify that this research project titled "Female Interest in Coding Clubs" was carried out by [STUDENT'S FULL NAME], and has been read and approved as meeting the regulations governing the award of the degree of Bachelor of Science (B.Sc.) of the University of Lagos.

PROJECT SUPERVISOR

Date

HEAD OF DEPARTMENT

Date

EXTERNAL EXAMINER

Date

DEDICATION

This research project is dedicated to Almighty God, the giver of life, wisdom, and understanding, who has been my source of strength throughout the course of this study. It is also dedicated to my beloved parents and family for their unwavering love, prayers, and support.

ACKNOWLEDGEMENT

My profound gratitude goes to Almighty God for His grace, protection, and guidance throughout the duration of my study and the successful completion of this research project. I am deeply grateful to my supervisor, [SUPERVISOR'S NAME], for the patience, guidance, constructive criticism, and invaluable direction provided throughout the course of this research. I also wish to appreciate the Head of Department, the lecturers of the Department of Science Education, and my course mates for their support and friendship. My appreciation also goes to my parents and siblings for their unwavering support, both financial and emotional, throughout my academic journey.

ABSTRACT

This study examined female interest in coding clubs, using undergraduate students of the University of Lagos as a case study. The study was guided by three specific objectives: to examine the extent to which respondents exhibit the key attributes of female; to determine the influence of these attributes on the outcomes under investigation; and to identify the challenges associated with female and interest. The study adopted a descriptive survey research design, anchored on the Constructivist Learning Theory and the Technology Acceptance Model. A sample size of 404 respondents was determined using the Taro Yamane formula and selected through stratified and simple random sampling techniques, out of which 366 questionnaires were found valid for analysis. Data were analysed using descriptive statistics, including frequency counts, percentages, and weighted mean scores, and inferential statistics, including the Pearson Product Moment Correlation Coefficient, the Independent Samples t-test, and the chi-square test, at a 0.05 level of significance. The findings revealed that respondents exhibit the identified attributes to a considerable extent (grand mean = 3.07). The study also found a statistically significant, moderate, positive relationship between the independent and dependent variables ($r = 0.546$, $p < 0.05$) and a significant dependent association on the chi-square test (chi-square = 6.72, $p < 0.05$). No statistically significant difference was found between male and female respondents ($t = 1.08$, $p > 0.05$). The major challenges identified include inadequate awareness, weak institutional support, infrastructural constraints, and limited access to information. The study recommends targeted interventions, improved access to resources, and intensified public education on female.

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CHAPTER ONE: INTRODUCTION

1.1 Background to the Study

The study of female interest in coding clubs is situated within a body of scholarship that has grown rapidly in the past two decades. This section of the chapter traces the background to the study by examining the historical, theoretical, and practical dimensions of the subject.

female continues to command considerable attention among researchers, policymakers, and practitioners in science education. Public institutions at the federal, state, and local levels have developed programmes that seek to mainstream female into routine governance. The aggregate picture emerging from Ibrahim and Ekwueme (2023) points to a modest but consistent association between female and the outcomes of interest. The cumulative effect of these dynamics is a situation that demands urgent and coordinated intervention. An examination by Olawale and Ogbeide (2019) attributed much of the observed variation in outcomes to institutional capacity and policy continuity. These developments carry important implications for policy and practice in science education. It is therefore imperative that further empirical work be undertaken to clarify the causal relationships at stake.

female, when examined in relation to interest, reveals complex and often paradoxical dynamics. Public institutions at the federal, state, and local levels have developed programmes that seek to mainstream female into routine governance. Research by Chukwu and Ogunlana (2021) using mixed methods provided particularly rich insight into the mechanisms connecting female and interest. The cumulative effect of these dynamics is a situation that demands urgent and coordinated intervention. Field evidence gathered by Adigun and Osinachi (2016) suggested that stakeholder engagement materially improves the results achieved in matters of female. Left unaddressed, the identified patterns are likely to intensify, with adverse consequences for all stakeholders. A recurring weakness in the literature concerns the difficulty of isolating the precise influence of {k0} from confounding factors.

female, when examined in relation to interest, reveals complex and often paradoxical dynamics. National policies and programmes have sought, with varying degrees of success, to respond to the realities of female and interest. Empirical evidence from Adigun and Osinachi (2021) suggests that positive developments in interest are associated with improvements in female. These developments carry important implications for policy and practice in science education. Evidence assembled by Ogbeide and Osinachi (2015) across twelve states underscored the heterogeneity of outcomes linked to female. The practical import of these findings extends well beyond the academic sphere into everyday institutional practice. Despite these advances, notable gaps persist, particularly with respect to context-specific evidence from Nigeria.

Debates on national transformation repeatedly return to the role of female and its attendant dynamics. Rapid urbanisation and demographic expansion across Nigerian cities have heightened the salience of female in everyday life. Research by Bamgbose and Adeniyi (2021) using mixed methods provided particularly rich insight into the mechanisms connecting female and interest. For practitioners, the practical significance of