

**IMPACT OF THE USE OF INSTRUCTIONAL  
MATERIALS ON THE ACADEMIC PERFORMANCE OF  
STUDENTS IN BIOLOGY**

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# **IMPACT OF THE USE OF INSTRUCTIONAL MATERIALS ON THE ACADEMIC PERFORMANCE OF STUDENTS IN BIOLOGY**

## **RESEARCH OVERVIEW:**

**Complete Project:** 60 Pages

**Literature Review:** 2005 Upward

**Data Analysis:** Simple Percentage

**Research Population:** 100 Respondents

**Research Location:** Lagos State, Nigeria

**Questionnaire:** 20 Items x 100 Respondents

**References:** APA Style, 6th Edition (2010).

# RESEARCH PROPOSAL

## Chapter One: Introduction

Teaching is a task that involves both the teacher and the learner. The teacher and the learner have much to gain from each other. For teaching to be effective the teacher requires both audio and visual aids that would enable his activity be more effective and realistic. This is why instructional materials become very relevant to the teacher and to the task of teaching in secondary schools.

The main difficulty for the successful implementation of instructional materials is not a shortage of hardware, but rather the fact that many Biology teachers are not ready to use technology in the classroom. Infact, many teachers feel that teaching and learning do not necessarily need to be accompanied by the use of instructional materials Azikiwe (1998), Williams (1990) and Kolo (2006) have noted the above mentioned observation. Teaching and learning therefore appears very abstract and difficult for the learners as they use their audio sense only. It has been observed that teachers find it a herculean task to accompany their lessons with relevant instructional media such as audio aids, visual aids and audio-visual aids.

This is perhaps due to laziness, or lack of resourcefulness or lack of innovativeness or gross incompetence of the teachers. Whichever is the case, this lack of proper use of instructional media constitutes a great deal of problem for effective teaching and learning of the subject. Unfortunately, few studies have been carried out on the teacher's use of instructional materials in Biology and secondary school students' academic performance.

## **Chapter Two: Literature Review**

Chapter two focuses on the literature review; the importance of instructional materials in the teaching and learning of Biology; the problems faced by Biology teachers in using instructional materials effectively; the attitude of teachers towards the use of instructional materials in Biology

## **Chapter Three: Research Methodology**

This chapter presents the research methodology employed in this study. It focuses on the impact of the use of instructional materials on the academic performance of students in Biology using Lagos State as case study. It entails or deals on the methods and procedure employed by the researcher in collecting data. Simple percentage was will be used for data analysis.

## **Chapter Four: Data Analysis**

In this chapter, the researcher analyses the data collected for the researcher work and interprets it according to the research questions formulated in chapter one.

## **Chapter Five: Summary, Conclusion and Recommendations**

Summary and conclusions are to be drawn from the research literature, research findings and data analysis. Recommendations were made in chapter five.

## **CHAPTER ONE**

### **INTRODUCTION**

- 1.1 Background to the Study
- 1.2 Statement of the Study
- 1.3 Purpose of the Study
- 1.4 Research Question
- 1.5 Research Hypotheses
- 1.6 Significance of the Study
- 1.7 Scope of the Study
- 1.8 Operational Definition of Terms

## **CHAPTER TWO**

### **LITERATURE REVIEW**

- 2.0 Introduction
- 2.1 Theoretical Framework
- 2.2 Instructional Material as a Concept
- 2.3 The Functions of Instructional Materials
- 2.4 Classification of Instructional Materials
- 2.5 The Problems Faced By Biology Teachers in Using Instructional Materials
- 2.6 The Attitude of Teachers towards the Use of Instructional Materials in Biology
- 2.7 Impact of the Use of Instructional Materials Students' Performance
- 2.8 Appraisal of Literature

## **CHAPTER THREE**

### **RESEARCH METHODOLOGY**

- 3.1 Research Design
- 3.2 Population of the Study
- 3.3 Sample and Sampling Procedure
- 3.4 Instrument of Data Collection
- 3.5 Procedure of Administration
- 3.6 Method of Data Analysis

## **CHAPTER FOUR**

### **DATA ANALYSIS**

- 4.1 Introduction
- 4.2 Analysis of Research Hypotheses
- 4.3 Discussion of Findings

## **CHAPTER FIVE**

### **SUMMARY, CONCLUSION AND RECOMMENDATION**

- 5.1 Summary
- 5.2 Conclusion
- 5.3 Recommendation

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