

## Introduction

The purpose of this study is to investigate the effects of a new educational program on student learning outcomes. The program is designed to enhance critical thinking and problem-solving skills through a series of interactive activities and projects. The study will evaluate the program's effectiveness by comparing the performance of students who participated in the program with those who did not. The data will be analyzed using statistical methods to determine if there are significant differences in learning outcomes between the two groups.

The study is structured as follows: Chapter 1 provides an overview of the research, including the background, purpose, and objectives. Chapter 2 discusses the theoretical framework and the educational program being evaluated. Chapter 3 describes the research methodology, including the design, participants, and data collection procedures. Chapter 4 presents the results of the study, and Chapter 5 discusses the implications and conclusions.

## Methodology

The study uses a quasi-experimental design to evaluate the effectiveness of the educational program. The participants are divided into two groups: an experimental group that receives the program and a control group that does not. The data is collected through pre-tests and post-tests, and the results are analyzed using statistical methods.

The experimental group consists of 40 students who were randomly selected from a pool of 80 students. The control group consists of 40 students who were also randomly selected from the same pool. The program is implemented over a period of 10 weeks, and the data is collected at the beginning and end of the program. The results are analyzed using a t-test to determine if there are significant differences in learning outcomes between the two groups.

The results of the study show that the experimental group performed significantly better than the control group on the post-test. This suggests that the educational program is effective in enhancing student learning outcomes.

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The study concludes that the educational program is effective in enhancing student learning outcomes. The results suggest that the program should be implemented in other schools to improve student learning outcomes.