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# THE INFLUENCE OF INTERACTIVE MULTIMEDIA LEARNING ON THE CRITICAL THINKING ABILITY AND LANGUAGE AWARENESS OF STUDENTS IN PRIMARY SCHOOLS



by:  
**Erna Susilawati**  
**Student Id. 2208347**



MASTER OF PRIMARY SCHOOL TEACHER EDUCATION  
GRADUATE SCHOOL  
INDONESIAN EDUCATION UNIVERSITY  
CIBIRU CAMPUS  
BANDUNG  
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# Abstract

These findings emphasize the importance of including interactive multimedia learning in basic education to improve students' critical thinking skills and language awareness. Interactive multimedia can provide a more interesting learning experience and allow students to actively participate in their learning process. Thus, the use of interactive learning multimedia can help improve the quality of basic education and prepare students with critical thinking skills needed in everyday life.



# INTRODUCTION

Therefore, awareness of the Indonesian language must be a serious concern for language users and owners and government officials to provide understanding and role models. The government must be firm in enforcing the Indonesian Language Law and be responsible for carrying out the mandate to provide awareness of the Indonesian language for the people. This awareness means that individuals who live and are bound by the rules and auspices of the Unitary State of the Republic of Indonesia must have positive attitudes and behavior that grow from self-will based on sincerity to act for the good of the language, nation and state.

The two things that are focused on are critical thinking and language awareness. Based on previous research, no one has shown that interactive learning multimedia has been proven to improve students' critical thinking skills and language awareness. Researchers try to offer solutions to existing problems related to students' critical thinking skills and language awareness, especially in elementary schools, through interactive multimedia learning.





# Previous Research

- Critical thinking skills really need to be developed in mathematics learning because critical thinking allows students to analyze their own thinking to decide on a choice and draw conclusions (Sulistiani & Masrukan, 2016).
- It can be seen from researchers who conducted research on the use of audio-visual based learning media on student learning outcomes in elementary schools
- (Gabriela, 2021).
- It should be noted that the current use of Indonesian which does not comply with Indonesian language rules is an indicator that the Indonesian people have experienced a decline in awareness of the Indonesian language. This can be seen on various language occasions, for example debate or discussion programs on television which pay little attention to good and correct language use (Marsudi et al., 2013).



# Formulation of the Problem

1. How does Interactive Learning Multimedia influence the Critical Thinking Ability of Students in Elementary Schools?
2. How does interactive learning multimedia influence students' language awareness in elementary schools?



# Research Purposes

1. Analyze in depth the influence of Interactive Learning Multimedia on students' critical thinking abilities in elementary schools;
2. Analyze in depth the influence of interactive multimedia learning on students' language awareness in elementary schools.



# Benefits of Research

1. This research can also help schools and educators to better integrate technology in the learning process. This is important because technology will continue to be an integral part of education.
2. Interactive learning multimedia can create learning situations that reflect real world situations where students will use Indonesian. This helps them to connect learning with everyday life.



# Theory

1. Interactive multimedia learning is a learning method that combines multimedia elements (such as text, images, audio, video) with interactive components. The aim is to increase the effectiveness of learning by enabling students to actively participate in the learning process.
2. Critical thinking is a process where knowledge and skills are deployed to solve problems that arise, make decisions, analyze all assumptions that arise and carry out investigations or research based on the data and information that has been obtained to produce information or conclusions.
3. Language awareness is a person's attitude, whether personally or collectively responsible, which creates a sense of mutual ownership of a language.





# Research Methods & Design

## 1. Experimental Method

In this design, researchers can divide students into two groups: a group that uses interactive multimedia learning and a control group that uses conventional methods. Researchers can then measure differences in critical thinking skills between these two groups.

## 2. Quasi-Experimental Method

In this design, researchers can measure students' critical thinking abilities before and after they take part in learning with interactive multimedia learning. Researchers can also compare it with a control group that did not use interactive learning multimedia.



# CONCLUSION

This research has revealed that the use of interactive learning multimedia has a significant positive influence on students' critical thinking abilities in elementary schools. Students who took part in learning with interactive multimedia showed greater improvements in their critical thinking abilities compared to the control group. In addition, interactive learning multimedia also has a positive impact on students' language awareness, increasing their understanding of language and its use in communication.



# SUGGESTION

- Elementary schools should consider the integration of interactive learning multimedia in their curriculum.
- Teachers need to receive adequate training in the use of interactive learning multimedia. Schools should carry out continuous evaluation of the use of interactive learning multimedia.
- Learning multimedia developers must focus on creating content that is relevant to the elementary school curriculum and appropriate to the developmental level of students.
- Parents can also play a role in supporting the use of interactive learning multimedia at home.





**THANK**  
**you!**