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# **THE INFLUENCE OF DIGITAL-BASED DIFFERENTIATION LEARNING ON STUDENT'S WELL-BEING BEHAVIOR**

by:

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# PEOPLE BEHIND THE SCENES



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# ABSTRACT

**digital-based  
learning**



**student's  
wellbeing**

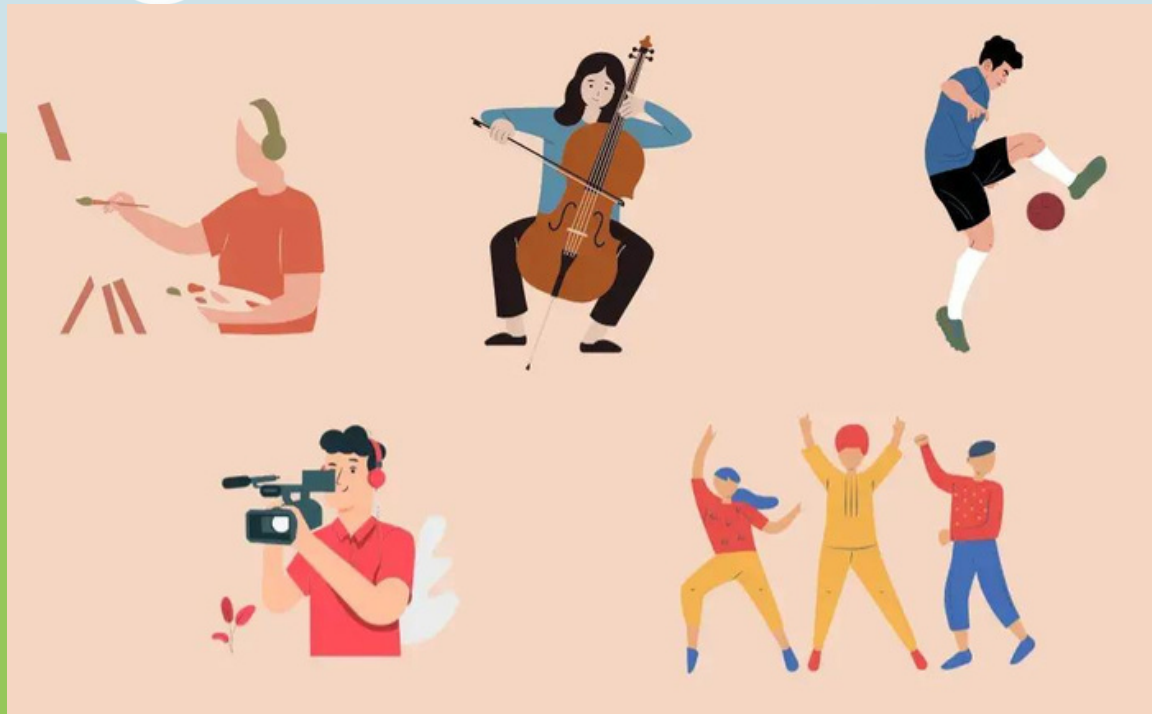


**differentiated  
learning**





# INTRODUCTION



**Students' interests  
and talents**



**Student learning  
styles**



**Students' learning  
readiness**

# FORMULATION OF THE PROBLEM

1. How to create Digital-Based Differentiated Learning for Student's Well-being Behavior in elementary schools?
2. How does Student's Well-being Behavior differ for students in experimental and non-experimental classes?
3. What is the impact of Digital-Based Differentiated Learning on Student's Well-being Behavior in elementary schools?





**Differentiated learning is an instructional or learning approach in which teachers use a variety of teaching methods to suit individual backgrounds.**



**Differentiated learning is not individualized learning. However, it tends to be learning that accommodates students' strengths and learning needs with independent learning strategies. When teachers respond to students' learning needs, it means that teachers differentiate learning by adding, expanding, adjusting time to obtain maximum learning results (Marlina, 2019)**





# PREVIOUS RESEARCH

Students tend to lack understanding and lose focus of classroom instruction when their teachers fail to use teaching strategies that suit students' learning styles. Differentiated learning can alleviate or eliminate this (Morgan, 2014).

Differentiated learning is a challenge because it takes time, and teachers lack funds to organize and design teaching and learning materials. (Ikhwan, 2019)

The experimental group was generally more motivated than the control group, which proves that the differentiated learning model is an effective approach in increasing students' motivation in learning Arabic as a foreign language in Malaysia (Rosln, 2014).



# RESEARCH PURPOSES

- 1.Describes creating Digital-Based Differentiated Learning for Student's Well-being Behavior in elementary schools;
- 2.Analyzing differences in Student's Well-being Behavior towards students in experimental and non-experimental classes in elementary schools;
- 3.Evaluating the impact of Digital-Based Differentiated Learning on Student's Well-being Behavior in elementary schools





# BENEFITS OF RESEARCH

1. This research can provide valuable guidance for teachers in developing their digital differentiation capabilities. Teachers can utilize research results to understand how to adapt their curriculum and teaching methods to be more effective.
2. By identifying effective digital differentiation methods, this research can help improve learning efficiency. Teachers can better utilize their time and resources to help students achieve better results.



# THEORY

Differentiated learning is part of efforts to adapt the educational process to the needs of each student. So that all students can experience challenge, success, and satisfaction, learning strategies must be adapted to different student interests and learning. According to Carol Ann Tomlinson and Moon (2014), learning that accommodates, serves, and recognizes student diversity based on learning readiness, interests, and learning preferences is called typical learning.





# RESEARCH METHODS & DESIGN

1. The research approach used in this research is Mix Method, this approach was taken because in this research there are two types of data, namely qualitative data and quantitative data.
2. The method used in this research is a quasi-experimental method. Quasi-experimental is a type of research design that has a control group and an experimental group that is not chosen randomly



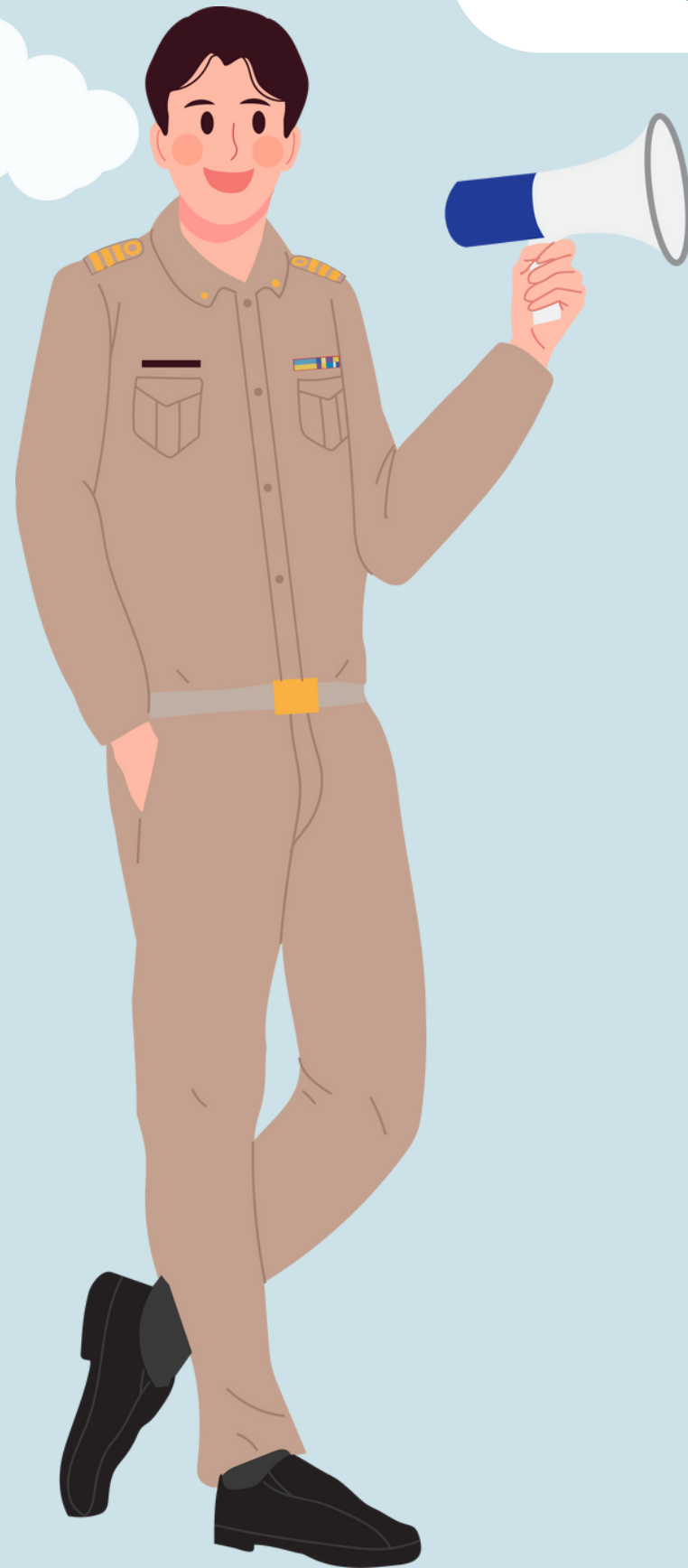
# DATA COLLECTION TECHNIQUE

No.	Variables	Data Type	Data Collection Methods and Instruments			
			Observation	Interview	Questionnaire	Literature Study
1	Quantitative Digital Based Differentiated Learning	Quantitative	✓	✓	✓	-
2	Student's Well-being Behavior Qualitative	Qualitative	✓	✓	✓	✓





# RESEARCH PROCEDURE



1. Study of previous research results
2. Create a research proposal
3. Identify Research Objectives
4. Provide guidance with academic supervisors
5. Sample Selection
6. Selection of Experimental and Control Groups
7. Development of Independent Variables
8. Initial Data Collection
9. Introduction to Intervention
10. Data Collection During Intervention
11. Data analysis
12. Interpretation of Results
13. Preparation of Research Reports
14. Reflection and Evaluation
15. Preparation of Recommendations
16. Presentation of Results

# CONCLUSION

It is important to understand that the implementation of differentiated digital-based learning not only influences academic results, but also has a positive impact on aspects of student welfare. Good student welfare is an important component in creating a healthy and sustainable educational environment. Therefore, differentiated digital-based learning is a worthy approach to consider in the development of future educational strategies, with the aim of improving the quality of education and improving the overall well-being of students.





# SUGGESTION

1. Teachers need to be provided with appropriate and ongoing training on the use of interactive learning multimedia.
2. It is important to continue developing relevant and interesting content for learning multimedia.
3. Implementation of interactive multimedia learning must be accompanied by ongoing assessment of students' progress in critical thinking skills and language awareness.
4. Parents have an important role in supporting learning at home.
5. Ensure that all students have equal access to interactive learning multimedia.
6. More research can be conducted to understand more deeply the influence of interactive multimedia learning on critical thinking and language awareness.
7. In addition to interactive multimedia learning, schools may consider combining a variety of learning approaches, including hands-on learning, project-based learning, or group discussions, to create a more diverse and comprehensive learning experience.



A cartoon illustration of a man with dark hair and glasses, wearing a brown military uniform with a grey belt and a yellow buckle. He is holding a white rectangular sign with the words "THANK YOU" in bold, dark blue capital letters. The background is a light blue sky with a large yellow sun in the top left, three white clouds, and a green tree with a brown trunk on the right. The man has a friendly expression and is looking directly at the viewer.

**THANK YOU**