

Using PLSV (One Variable Linear Equations) Stick Board Learning Media to Increase Student Learning Motivation in Class 6 of SDN 3 JATIWANGI

Husnul Khatimah¹, Desyrimayani², Nurrabiah³, Muamar⁴, Dinda Damayanti⁵

Program Studi Pendidikan Guru Sekolah Dasar, Sekolah Tinggi Keguruan dan Ilmu Pendidikan (STKIP) Taman Siswa Bima. Jatiwangi, Kecamatan Asakota, Kabupaten Bima, Nusa Tenggara Barat. 84117

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Abstract

This research describes how the use of stick board media in learning linear equations with one variable has an impact on the learning motivation of grade 6 students at SDN 3 JATIWANGI. This research uses descriptive qualitative, data is collected through classroom observations, interviews with teachers and students, as well as documentation of student learning outcomes. The results of this research show that the use of keyboard media creates a more interactive and interesting learning environment. Students are more active in participating in learning, more enthusiastic in discussions, and more easily understand the concept of linear equations in one variable. This is shown by an increase in assignment scores and students' enthusiasm in participating in lessons.

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Corresponding Author:

Husnul Khatimah

STKIP Taman Siswa Bima

Email: husnul.khatimahh@gmail.com

1. INTRODUCTION

Mathematics is one of the basic subjects taught in educational units and plays an important role in improving the quality of education. (Titin Sri Hartini, 2020)

Mathematics is a science that studies patterns, structures and relationships. It covers a variety of topics, such as numbers, shapes, space, and change. Mathematics is used in many areas of life such as science, technology, economics and art.

Learning mathematics in elementary school does not only lie in mastering concepts, but also in developing logical, analytical and problem-solving thinking skills that are really needed in everyday life. Through learning mathematics, students are trained to think systematically, analyze information, and draw appropriate conclusions, so that they can face various academic and life challenges better. Learning mathematics is often considered difficult by most students so they are not motivated to learn mathematics. As a result of difficulties learning mathematics, children are not enthusiastic and unmotivated to learn mathematics. Kurniani Ningsih et al., (2021) in (Dewi Murni, 2023)

Considering the importance of mathematics subjects in schools, in Republic of Indonesia Law no. 20 of 2003 concerning National Education System (National Education System) Article 37 paragraph 1 reads "the primary and secondary education curriculum must contain: (a) Religious education; (b) citizenship education; (c) language; (d) mathematics; (e) natural science; (f) social science; (g) arts and culture; (h) physical education and sports; (i) skills/vocational; and (j) local content," so it is emphasized that

mathematics is one of the subjects that must be studied, especially at the basic education level. In mathematics learning, learning media are often used to make it easier for students to understand the material being studied.

Deep media perspective Education is a very strategic instrument in determining the success of the teaching and learning process, because its existence directly provides its own dynamics to students.

Learning media are tools, methods and techniques used to make communication and interaction between teachers and students more effective in the education and teaching process at school. (Hamalik, 1989)

Learning media can help teachers convey lesson material clearly and easily understood by students. For example, using images, videos, or simulations can help visualize abstract concepts. Interesting and interactive media can help increase student interest and motivation in learning.

Mathematics, especially algebra, is often a nightmare for students. The concept of linear equations or variable, although fundamental, are often difficult to understand and leave students feeling frustrated. Low understanding of this concept has an impact on students' ability to solve more complex mathematical problems. Therefore, an innovative and effective learning approach is needed to overcome these obstacles.

Motivation to learn is an urge or desire felt within a person to do something that action better in the learning process to achieve something certain. Julia and Siahaan, (2022) in (Ika Safitry, 2023)

This research aims to increase motivation Study 6th grade students at SDN 3 JATIWANGI on the use of stick board learning media as well as increasing students' understanding and ability in solving linear equations one variable.

2. METHOD

This research uses descriptive qualitative which aims to describe in detail the phenomenon of using one-variable linear equation stickboard learning media to increase student learning motivation in class 6 of SDN 3 Jatiwangi, Bima City. Data collection techniques in this research were collected through participant observation, in-depth interviews with teachers and students, as well as documentation of student learning outcomes.

3. RESULTS AND DISCUSSION

The results of the research show an increase in student involvement in learning linear equations with one variable when using student keyboards seen more interested and enthusiastic in participating in class activities. The visualization presented by the stick media makes it easier for students to understand the concept of linear equations in one variable intuitively. Students can see clearly how equations are formed and how to find the variable values that satisfy the equation. Usage of interactive and interesting keyboard media can increase students' motivation to learn mathematics. The effect of using learning media in education facilitates the teaching and learning process of students and teaching, which can increase students' learning motivation. (Moto, 2019)

Interviews with students revealed that they were more interested and motivated to learn mathematics using a keyboard. They find it easier to understand concepts and are more enthusiastic about completing tasks.

4. CONCLUSION

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This research shows that the use of stickboard media in learning linear equations with one variable has a positive impact on the learning motivation of grade 6 students at SDN 3 JATIWANGI. The use of keyboard media creates a more interactive and interesting learning environment, so that students are more active, enthusiastic and understand concepts easily. This is reflected in increased assignment grades and enthusiasm in participating in lessons.

Based on the results of this research, it is concluded that keyboard media can be an effective tool for increasing students' learning motivation in learning one-variable linear equations. The use of stickboard media can be considered as a learning strategy that can improve the quality of mathematics learning at SDN 3 JATIWANGI.

5. SUGGESTION

Based on the results of this research, it is recommended that teachers use board media more actively in mathematics learning, especially for the concept of linear equations in one variable. The use of this media can increase student engagement and learning motivation. Further research can be conducted to explore the effectiveness of keyboard media at various grade levels and mathematics learning materials.

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