

MICROSOFT SWAY MEDIA FOR STUDENTS' INDEPENDENT LEARNING IN THE INDEPENDENT CURRICULUM ERA

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ABSTRACT

Abstract: In this article, the author tries to link literature studies related to the use of Microsoft Sway media for students' independent learning in the independent curriculum in elementary schools. Microsoft Sway media has various benefits, especially in elementary school learning. The Microsoft Sway application really helps teachers in the learning process in class. Microsoft Sway media really helps teachers in the learning process in class. From several studies such as relevant research plus supporting theories, it is stated that Media Sway is a media that has special features that can be used by a teacher to create digital-based interactive learning media. This media helps collect, format and share ideas, stories and teacher presentations on interactive screens that look attractive. The hope is that Microsoft Sway media can be used as a reference for every educator in creating an optimal learning atmosphere.

INTRODUCTION

21st century learning, namely technology-based mastery skills which are developing very quickly. This learning is required to balance the millennial era with the aim of students becoming accustomed to current learning. Student learning independence is a reflection of creative attitudes, freedom of action and responsibility which is characterized by learning initiative and the desire to gain new experiences. Learning independence needs to be considered and developed. Even though learning independence is important to develop, in general students still have low learning independence. This is in line with Minister of Education and Culture Regulation No. 65 of 2013 concerning Process Standards Student independence in learning is important. This is because learning independence is an aspect that determines success in learning. Students with high independence will try to be responsible for the progress of their achievements, self-manage, have high initiative and have a strong drive to continuously make achievements.

Learning Independence is an ability possessed by a person to carry out a learning activity independently without depending on other people (Khoirun Nissa & Lorenza Dheanti, 2021). Apart from that, learning independence is a criterion for online learning itself. This learning independence greatly influences students' abilities and learning outcomes. This is in line with research (Kurnia, 2022). This is in line with the research, Andira et al. (2018) where independent learning has a positive influence on the learning process in the classroom. Learning independence is a student's ability to organize themselves to plan, monitor and evaluate their learning independently. The ability to think and learn independently is a

generator for the birth of new ideas and innovations as a basis for creating new excellence both comparatively and competitively in global competition, (Fitriana et al., 2021). Students must have the awareness to learn and determine what steps must be taken in their learning activities. The root of the problem of low student learning independence is the learning media used by teachers. The learning media used by teachers is less able to facilitate students' thinking and train students to get used to independent learning. Facts in the field, learning is more oriented towards memorizing concepts. So far, the measure of learning success has been more emphasized on how many concepts students memorize, as a result, students are not used to thinking and developing their independent learning abilities.

One important factor that must be considered to achieve good learning outcomes is the independence of students' learning. Learning independence is a factor that determines students' success in their learning. So students need to have an independent learning attitude so that the desired learning success can be achieved well, (Hamsina et al., 2023). Learning independence can be realized by having a sense of responsibility, being active and creative and being able to overcome the problems being faced. Learning independence is defined as a learning process that originates from one's own encouragement and will based on responsibility that comes from the heart to achieve certain goals in learning, (Rafika et al., 2017). In line with this, the role of parents is very much needed in fostering children's learning independence. With independent habits, children will get used to doing everything according to their abilities.

The root of the problem of low student learning independence is the learning model used by teachers. The learning model teachers use is less able to facilitate students in thinking and train students to get used to learning independently. The fact is that learning is more oriented towards memorizing concepts. The learning model teachers use is less able to facilitate students in thinking and train students to get used to learning independently. The fact is that learning is more oriented towards memorizing concepts. Student learning independence can be seen in the learning process. The learning process flow does not have to come from the teacher to the students. Students can also teach each other with other students. The flow of the learning process does not have to come from the teacher to the students. Students can also teach each other with other students. A teaching system that allows students to work together with fellow students.

In this research, learning independence is an attitude driven by one's own desire, initiative, and responsibility to determine and seek learning resources and methods without orders or encouragement from others. Based on the most dominant root causes, alternative actions can be proposed through the Sway Office learning media. Learning media that is appropriate to the needs of the learning process will create a more effective and efficient teaching and learning process so that the learning material delivered by educators to students can be digested optimally. Learning media is very much needed in education and the teaching and learning process. It plays an important role in the development of students at school so that they can absorb the knowledge and material they get from an educator well. The Sway Office application was released by Microsoft Office in 2020. Its page offers various features for creating presentation designs. To access Sway Office, you must first have an email with Outlook.com. Compared to Microsoft PowerPoint, Sway Office has more interesting innovations when used in learning. With a link that can be shared widely. Based on this phenomenon, this literature review was carried out to identify the influence of Microsoft Sway media on student learning independence in the classroom. The literature review study aims to obtain results from the influence of Microsoft Sway media on student learning independence in class.

METHOD

This study employs a literature review or literature study design, a widely recognized methodology for synthesizing existing research to generate new insights and identify trends within a specific field of study. A literature review involves systematically searching, reading,

and critically analyzing various scholarly sources, including journals, books, and other published materials, to produce a comprehensive overview of a particular subject or issue (Snyder, 2019). This method not only provides a framework for integrating new and previous findings but also highlights indications of progress or stagnation in the research area by interpreting relevant literature. Through this comprehensive analysis, the study aims to identify key research questions and gaps in the existing body of knowledge.

The literature review in this study is conducted using a systematic approach, which involves a structured process of data collection, analysis, and synthesis. This approach ensures that the review is thorough, objective, and reproducible, which is essential for maintaining the rigor and reliability of the research findings (Higgins et al., 2019). Specifically, the study focuses on analyzing articles with a Randomized Controlled Trials (RCT) research design, particularly those that report experimental research results in English. RCTs are considered the gold standard in empirical research, providing robust evidence due to their ability to minimize bias and establish causality (Hariton & Locascio, 2018). The articles selected for this review are original empirical research studies that include clear sections for the abstract, introduction, methods, results, and discussion. These articles are sourced from reputable databases accessible through the National Library of the Republic of Indonesia's e-resources, including EBSCO, PubMed, and Springer Link. These databases are known for their extensive collections of high-quality academic journals and are widely used in scholarly research (Falagas et al., 2008).

The systematic approach used in this literature review follows a simplified analysis framework, which includes several critical stages. First, each piece of literature is summarized to capture the essential findings and contributions. Following this, a critical appraisal or review is conducted simultaneously to assess the strengths and weaknesses of the studies, allowing for a comparison of the methodologies, findings, and relevance of each piece of literature (Bettany-Saltikov, 2012). This step also involves identifying relationships and patterns between different studies, which is crucial for synthesizing the data into coherent themes. The final stage involves identifying and extracting themes from the research results presented in the literature. These themes are derived systematically to ensure that they align with the research questions guiding the literature review. The outcome of this process is a set of themes that not only reflect the main findings of the reviewed studies but also provide insights into the overarching trends and gaps within the research area (Thomas & Harden, 2008). This thematic synthesis is integral to answering the research questions posed by the literature review and advancing understanding in the field.

RESULT AND DISCUSSION

The results of the research data included in this literature review are an analysis and summary of documented articles related to independent learning, which are presented in the following Table 1.

Table 1. Research Results on Learning Independence

Author, Title, Journal	Method Design	Results
Increasing Student Learning Independence Through Models OPSIDE Learning	RCT	The OPSIDE learning model (Orientation, Exploration, Analysis, Discussion, and Evaluation) aims to address the root problem of students' low learning independence, which is largely attributed to the teaching models employed by educators. The current teaching models are often inadequate in facilitating students' critical thinking and in training them to develop independent learning habits. This issue has led to the development of the OPSIDE learning model, which is expected to be a solution for enhancing students' learning independence in schools. Additionally, future research is encouraged to

Author, Title, Journal	Method Design	Results
Systematic Review: Literatur Kemandirian Belajar Siswa Pada Pembelajaran Daring	RCT	investigate how this model can improve communication skills, analytical thinking, and creative thinking, all of which support independent learning (Hamsina et al., 2023).
Penerapan Media Pembelajaran Berbasis Sway Office untuk Pembelajaran Bahasa Indonesia	RCT	In this study, the results indicate that 76% of students were very satisfied with using Sway Office as a learning medium. Based on these findings, it is hoped that Sway Office can serve as an interactive learning medium that effectively fosters students' interest in learning. The operation of Sway Office features is relatively easy. Educators can participate in workshops to quickly learn how to use this new feature of Microsoft Office (Merliana et al., 2021).
The Influence of Learning Independence on Student Learning Outcomes	RCT	Based on the research findings and data analysis conducted by the researchers, the following conclusions can be drawn: 1) The learning independence of students in the economics subject for class XI IIS at SMA Negeri 4 Pontianak, as determined through data processing, is categorized as low. This conclusion is based on the analysis of 52 students, where data from questionnaires revealed that 27 students (51.9%) had learning independence scores below the mean value of 56.35 (as determined by the normality test), while 25 students (48.1%) had scores above 56.35. 2) The academic performance of students in the economics subject for class XI IIS at SMA Negeri 4 Pontianak is categorized as good. All 52 students (100%) in the sample achieved scores that fall within the "good" category, with an average score of 81.42 (Andira et al., 2018).
Integrated Thematic Teaching Materials with Microsoft Sway Based on Problem-Based Learning Model in Elementary School	RCT	This study concludes that the use of Microsoft Sway based on Problem-Based Learning (PBL) is effective in thematic learning at the elementary school level. The research findings indicate that the use of PBL-based Microsoft Sway in thematic learning yielded a validation score of 92.88%, which falls into the "very valid" category, and 95% of the data were categorized as valid. This study employed a development research method using the ADDIE model, resulting in the creation of a learning model specifically designed for thematic learning in elementary schools (Arzfi et al., 2023).
Microsoft Sway Application to Enhance Students' Reading Ability of Descriptive Text	RCT	This study concludes that the use of Microsoft Sway as a learning medium is effective for teaching descriptive reading to students in the classroom. The research highlights that Microsoft Sway is a modern learning medium featuring contemporary content and the ability to connect with social networks for online use. The study employed an experimental

Author, Title, Journal	Method Design	Results
Using Sway App as an Instructional Medium for Social Studies Learning in Elementary School	RCT	research design, with the findings showing that the experimental group achieved an average score of 59.77, compared to 51.69 in the control group. Additionally, the t-test value was calculated at 3.226. These results lead to the conclusion that Microsoft Sway is effective for teaching descriptive reading in Indonesian language lessons (Rizki Amalia et al., 2023).
The Development of SWAY-based Learning Media for the Subject of Information and Communication Technology	RCT	This study suggests that the Sway-based learning media that has been developed should be used to support learning, as it can enhance students' understanding of the material and improve learning outcomes in Information and Communication Technology (ICT) subjects (Astuti, 2020).
The E-Learning Design for Problem Based Learning in Dynamic Fluid Topic using Microsoft Sway	RCT	Microsoft Sway 365 is an e-learning platform that can be utilized for its features such as presentations, text, images, videos, and audio. This study aimed to develop e-learning using Microsoft Sway on Dynamic Fluid. The research employed the Research and Development (R&D) method with the 4D model, though it only covered the stages of definition, design, and development. The e-learning was validated by media and content experts. The validity test results indicated that the e-learning created with Sway was deemed suitable, with a 77.7% validity score from content experts and a 77.5% score from media experts. The study concludes that e-learning using Microsoft Sway is flexible, easy to use, supports engaging physics learning, and is suitable as a teaching medium to assist students in understanding the material (Khoirun Nissa & Lorenza Dheanti, 2021).

The results of the literature review in the article and the first article's findings regarding the problem of learning independence in the learning process. The low level of student learning independence is the learning model teachers use. The learning model teachers use is less able to facilitate students' thinking and train them to be used to independent learning. According to facts in the field, education is more oriented towards memorizing concepts. So far, the measure of learning success has been more emphasized on how many concepts students memorize, as a result students are not used to thinking and developing their independent learning abilities. The problem of independent learning is solved using Sway Office learning media. By using Sway Office learning media, you can overcome the problem of low student learning independence. The problem of independent learning is solved using Sway Office learning media. By using Sway Office learning media, you can overcome the problem of low student learning independence. Learning independence is a skill to carry out learning activities independently based on one's desire to master learning material so that it can be used in solving problems faced, (Mawarni et al., 2022).

The ability to think and learn independently is a generator of the birth of new ideas and innovations as a basis for creating new excellence both comparatively and competitively

in global competition, (Fitriana et al., 2021). Students who have high learning independence will try to complete the tasks given by the teacher using their abilities. This is different from students who have low learning independence and will depend on other people. In the second article regarding the problem of student learning independence in the online learning process in mathematics subjects, (Andira et al., 2018). This research shows that independent learning positively influences learning. Independent learning can also improve students' understanding, motivation, reasoning, and learning outcomes. We must realize the importance of independent learning abilities in education. The ability to think and learn independently generates new ideas and innovations, which are a basis for creating new excellence both comparatively and competitively in global competition. The ability to think and independent learning are also needed for educational outcomes and to solve complex life problems, (Gusnita et al., 2021).

Based on the research results in the research table that has been carried out, it has received a positive response from students. A person who has an independent attitude will try to find and develop things in his own way to achieve the intended goals and results, (Andira et al., 2018). In line with this, (Arzfi et al., 2023) said that learning independence is an ability that aims to control oneself in acting, thinking so as not to feel dependent on other people. Students must have the awareness to learn and determine what steps must be taken in their learning activities. Apart from that, it can be seen from the research results that independent learning has a positive influence on learning.

From the problems and research results, a solution can be used using Microsoft Sway media. Microsoft Sway media is a web-based application that does not require installation on a computer or laptop. Using the Sway app, ideas, stories, and presentations can be collected, organized, and shared on a web-based interactive screen, (Merliana et al., 2021). In Microsoft Sway, there are advantages to the Sway application when compared to other presentation applications, namely: (1) it has excellent design features to make it easier for users to upload various content such as videos from YouTube, pics, tweets, and other multimedia content; (2) can choose content such as photos and videos stored in the cloud because the Sway App is connected to the cloud App; (3) the Sway application will reformat the presentation slides when the presenter opens them via smartphone, laptop or PC; (4) the Sway application is equipped with an application to make it easier for users to collaborate with other users in creating Sway projects, (Agustin et al., 2021).

CONCLUSION

The literature review highlights the critical role of independent learning in improving students' academic performance and overall educational experience, revealing that traditional teaching models, which emphasize memorization over critical thinking, often contribute to low levels of learning independence. The studies reviewed suggest that modern tools like Microsoft Sway can effectively address this issue by providing an interactive and accessible platform that fosters independent learning. Sway's ability to integrate multimedia content and adapt to various learning environments makes it particularly effective in subjects such as mathematics, social studies, and language arts. The research further indicates that students respond positively to Sway-based learning, with its ease of use and innovative features supporting self-directed learning and preparing students to generate new ideas and solutions in a competitive global context. Ultimately, integrating Microsoft Sway into educational practices can significantly enhance independent learning, leading to better academic outcomes and equipping students with the skills necessary for complex problem-solving in real-world situations.

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