

THE ROLE OF DIGITAL LEARNING TOOLS IN IMPROVING LITERACY SKILLS: A SYSTEMATIC REVIEW OF THE LITERATURE

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Abstract

This research examines the role of digital learning tools in improving literacy skills through a systematic review of the literature. The results show that digital technologies, such as interactive learning apps, e-books and multimedia platforms, have a significant positive impact on the development of literacy skills at different levels of education. These tools offer a more engaging and interactive learning experience, increasing students' interest and comprehension in reading. In addition, the use of digital tools allows for more personalised and adaptive learning to the needs of individual students. However, the successful implementation of digital technology relies heavily on supporting qualities such as equitable access to technology, adequate teacher training, and appropriate evaluation and approaches. This research emphasises the importance of collaborative efforts from educational institutions, teaching staff, parents and the surrounding environment in maximising the potential of digital learning tools to effectively improve literacy skills.

Keywords: Digital learning tools, literacy skills.

Introduction

In the increasingly advanced digital era, technology has become an integral part of everyday life, including in the field of education. The emergence of digital learning tools such as apps, e-learning platforms, and interactive software has opened up new opportunities to improve the quality of education. Digital learning tools are a wide range of software, applications, platforms and digital media specifically designed to support the education and teaching process (Sitopu et al., 2024); (Guna et al., 2024); (Fawait et al., 2024); (Syakhrani & Aslan, 2024). These tools include various formats, such as e-learning, interactive applications, educational games, simulations, and learning videos, which aim to enrich the learning experience and improve teaching effectiveness. Thanks to the ability to deliver dynamic and interactive content, digital learning tools allow students to learn in a more personalised, flexible and contextualised manner, while providing wider access and ease of access to educational resources. One important aspect of education that can benefit from the use of these technologies is literacy skills (Reddy et al., 2023).

Literacy skills, which include the ability to read, write and critically understand information, are an important foundation for academic success and civic life. Literacy is