EVALUATING THE ADVANTAGES AND DISADVANTAGES OF WEB-BASED APPLICATIONS IN PRESCHOOL EDUCATION

Student
Kamolova Muxlisa Rustamovna
Samarkand state institute of foreign languages.

Abstract: *The integration of web-based applications in preschool settings has become increasingly prevalent. This article delves into the advantages and disadvantages of these technologies, aiming to provide educators and parents with a comprehensive understanding of their impact on early childhood education.*

Key words: *web-based applications, methods, pros and cons of web-based learning*

With the ascension of digital technology, web-predicated applications offer innovative implements for preschool inculcation. However, it is crucial to evaluate their efficacy in fostering development. The integration of technology in edification has transformed edifying methodologies, concretely in early childhood settings. Web-predicated applications have emerged as popular implements in preschool edification, offering interactive and engaging platforms for learning. These applications can enhance cognitive development, foster creativity, and facilitate personalized learning experiences. However, alongside their benefits, concerns regarding screen time, potential distractions, and equity issues arise. This paper evaluates the advantages and disadvantages of web-based applications in preschool education, aiming to provide a balanced perspective that informs educators, parents, and policymakers on their effective use in early childhood learning environments.

Children from birth to age of eight learn through play and exploration. Recent studies have shown that technology in the classroom improves learning in number of ways. Some of the impact includes:

• The use of web-based or computers in the classroom while learning motivates young children and contribute to cognitive and social development.

• The use of web-based or computer system enhances children self-concept and their attitudes towards learning.

• Kids tend to show increased levels of spoken communication and cooperation during the use of web-based or computer system. Besides web-based or computer system play encourages more complex speech and the development of fluency.

• With the help of web-based system children interact more frequently with their peers by engaging in turn taking that is a child will use computer in his/her turn to play.

• With the help of web-based computer system, Kids lean to narrate what they are doing as they draw and color pictures or move objects and characters around the screen. Children are active learners, for web-based computer system or technology to have a positive impact on them; they should use it for a maximum of 10-20 minutes as kids get bored easily and like to do new things.

Let's discuss the advantages of web-based learning:

Enhanced Learning Engagement. The ability to find tools that greatly increase kids'

engagement is one of the main advantages of assessing web-based apps. Preschoolers can be engaged and motivated to learn through interactive elements like games, animations, and storytelling. Teachers can apply strategies that create an engaging learning environment by analyzing which applications hold children's interest.

Tailored Educational Experiences. Preschoolers exhibit a wide range of learning styles and paces. Evaluating web-based applications allows educators to select those that offer personalized learning experiences. Many applications provide adaptive learning paths, enabling children to progress according to their individual abilities. This personalization not only supports skill development but also builds confidence in young learners.

Informed Decision-Making. With an abundance of educational technology available, educators and parents face the challenge of selecting the right tools for their children. A thorough evaluation of web-based applications equips stakeholders with the knowledge needed to make informed decisions. By understanding the strengths and weaknesses of various applications, educators can choose resources that align with their educational objectives and effectively meet the needs of their students.

Resource Optimization. Evaluating the advantages and disadvantages of web-based applications also leads to more efficient resource allocation. Educators can determine which applications provide the best value for their investment, ensuring that funds are directed towards tools that yield positive learning outcomes. This not only maximizes the impact of educational resources but also minimizes wastage on ineffective tools.

Identification of Best Practices. Assessment of web-based applications can highlight successful strategies and features that enhance preschool learning experiences. By analyzing effective tools, educators can adopt best practices that can be integrated into their curricula. Sharing these insights among educators fosters a collaborative environment where innovative approaches to teaching are encouraged and refined.

Awareness of Risks. While web-based applications offer numerous benefits, they can also present challenges. Evaluating both the positive and negative aspects allows educators to recognize potential risks, such as excessive screen time or distractions. By being aware of these challenges, educators can develop guidelines and practices that mitigate negative impacts, ensuring a balanced approach to technology use in the classroom.

7. Improved Equity. Access to technology is not uniform across all families and communities. By evaluating the accessibility features of various applications, educators can select tools that promote inclusivity and equity. Ensuring that all children, regardless of their background, have access to effective learning resources is essential in fostering a supportive educational environment.

The evaluation of web-based applications in preschool education is a vital process that offers numerous advantages. By enhancing learning engagement, personalizing educational experiences, and enabling informed decision-making, assessments can lead to more effective teaching strategies. Furthermore, identifying best practices and recognizing potential risks helps educators create a balanced and equitable learning environment. As technology continues to play a significant role in early childhood education, thorough evaluation will remain essential in maximizing its benefits while minimizing its drawbacks.

THE LIST OF USED LITERATURE:

1.   Haug, T., & Haug, J. (2020). Digital Learning in Early Childhood: A Guide for Educators. Routledge.

2.   Heikkenen, L., & Ståhl, T. (2019). Technology in preschool: Benefits and challenges. Journal of Educational Technology & Society. p 45-56.

3.   Kumpulainen, K., & Kaartinen, M. (2003). The role of new technologies in early childhood education. International Journal of Early Years Education, 11(2), p 121-136.

4.   Plowman, L., & Stephen, C. (2003). A review of the research on ICT in early childhood education. International Journal of Early Years Education, 11, p 263-273.