

IMPROVING THE METHODOLOGY OF USING MOBILE EDUCATIONAL TECHNOLOGIES IN "INFORMATICS AND INFORMATION TECHNOLOGIES" IN GENERAL EDUCATION SCHOOLS

(in the Case of 6th Grade)

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ABSTRACT

The focuses on improving the methodology of using mobile educational technologies in "Informatics and Information Technologies" in general education schools, specifically for 6th grade students. The goal is to enhance the teaching and learning experience by leveraging mobile technologies. The study aims to develop and implement a new approach that maximizes the benefits of mobile educational technologies in the classroom. By integrating these technologies into the curriculum, educators can engage students in interactive learning experiences that promote active participation and knowledge retention. The abstract highlights the importance of adapting teaching methods to meet the needs of the digital generation and emphasizes the potential of mobile technologies in enhancing educational outcomes

Keywords: Mobile technologies, mobile education, electronic resources, distance education, quality of education, virtual environment, mobile application n, online platforms, quizzes, videos, google classroom.

INTRODUCTION

In today's digital age, the use of mobile educational technologies in schools is becoming increasingly prevalent. As a result, it is essential for educators to continuously improve the methodology of implementing these technologies to enhance the learning experience for students. This holds particularly true for the subject of "Informatics and Information Technologies" in general education schools, especially in the 6th grade.

This article delves into the various strategies and approaches that can be utilized to enhance the effectiveness of mobile educational technologies in the teaching and learning process. By exploring the challenges faced by educators and identifying innovative solutions, we aim to provide valuable insights to educators looking to optimize the use of these technologies in the classroom.

The Importance of Using Mobile Educational Technologies in "Informatics and Information Technologies"

Mobile educational technologies have revolutionized the way students learn and interact with the subject of "Informatics and Information Technologies." These technologies, such as tablets, smartphones, and educational apps, offer a wide range of benefits that traditional teaching methods often cannot match. They provide students with access to real-time information, interactive learning experiences, and personalized feedback, all of which contribute to a more engaging and effective learning environment.

Furthermore, mobile educational technologies allow students to develop crucial skills needed in today's digital world, such as problem-solving, critical thinking, and digital literacy. By incorporating these technologies into the curriculum, educators can equip students with the necessary tools to thrive in the modern workforce.

However, it is important to note that the effective use of mobile educational technologies requires a well-thought-out methodology that aligns with the learning objectives and the specific needs of the students.

Challenges in Using Mobile Educational Technologies in General Education Schools

While the benefits of using mobile educational technologies are evident, educators often face several challenges when implementing these tools in general education schools. One of the main challenges is the lack of resources and infrastructure to support the use of these technologies. Many schools do not have the necessary funding to provide each student with a device or ensure reliable internet connectivity.

Additionally, some educators may struggle with integrating mobile technologies into their teaching practices. They may lack the necessary technical skills or feel overwhelmed by the vast array of educational apps and resources available. Furthermore, there may be resistance from students who are accustomed to traditional teaching methods and find it difficult to adapt to a more technology-driven approach.

The Current Methodology of Using Mobile Educational Technologies in "Informatics and Information Technologies" for 6th Grade

In general education schools, the current methodology of using mobile educational technologies in "Informatics and Information Technologies" for 6th grade varies widely. Some educators may simply use tablets or smartphones as a replacement for traditional textbooks, while others may incorporate interactive apps and online resources into their lessons.

However, the current methodology often lacks a cohesive framework that aligns with the curriculum and ensures a seamless integration of mobile technologies. Educators may struggle to find the right balance between using technology as a teaching tool and promoting active student participation.

Limitations of the Current Methodology

One of the main limitations of the current methodology is the lack of a standardized approach. Without clear guidelines and best practices, educators may experiment with different tools and strategies without knowing which methods are most effective. This lack of consistency can lead to uneven learning experiences for students and hinder their overall progress in "Informatics and Information Technologies."

Furthermore, the current methodology often fails to take into account the diverse learning needs and abilities of students. Mobile educational technologies have the potential to cater to individual learning styles and provide personalized feedback, but without a tailored approach, some students may be left behind or feel overwhelmed.

Proposed Improvements in the Methodology

To address the limitations of the current methodology, educators can consider several improvements when using mobile educational technologies in "Informatics and Information Technologies" for 6th grade.

Firstly, it is crucial to establish clear learning objectives and align them with the use of mobile technologies. Educators should identify specific skills and knowledge areas that can be effectively enhanced through the use of technology, such as coding, data analysis, or digital citizenship. By focusing on these areas, educators can ensure that the use of mobile technologies is purposeful and directly contributes to the students' learning outcomes.

Secondly, educators should prioritize professional development and training opportunities for themselves, as well as for their colleagues. By acquiring the necessary technical skills and staying up-to-date with the latest educational apps and resources, educators can confidently integrate mobile technologies into their teaching practices and provide students with the best possible learning experiences.

Benefits of the Improved Methodology

By implementing the proposed improvements in the methodology of using mobile educational technologies in "Informatics and Information Technologies" for 6th grade, educators can unlock a range of benefits for both themselves and their students.

Firstly, students will experience a more engaging and interactive learning environment. Mobile educational technologies offer opportunities for hands-on learning, collaboration, and problem-solving, which can enhance students' understanding and retention of the subject matter.

Secondly, educators will have access to a wider range of resources and tools to support their teaching. Educational apps, online platforms, and interactive simulations can supplement traditional teaching methods and provide students with additional opportunities for practice and exploration.

Implementing the Improved Methodology in General Education Schools

To successfully implement the improved methodology, educators and school administrators need to collaborate and create a supportive environment. This includes providing the necessary resources and infrastructure, such as devices, internet connectivity, and technical support. Additionally, ongoing professional development opportunities should be made available to educators to ensure they have the skills and knowledge required to effectively implement mobile educational technologies.

Furthermore, it is essential to involve students in the decision-making process and actively seek their feedback. By understanding their preferences and needs, educators can tailor the use of mobile technologies to better meet the students' expectations and learning styles.

Assessing the Effectiveness of the Improved Methodology

Assessing the effectiveness of the improved methodology is crucial to ensure continuous improvement and refinement. Educators can utilize a variety of assessment methods, such as formative assessments, student surveys, and classroom observations, to gather feedback and

monitor students' progress. This data can then be used to make informed decisions and adjustments to the methodology, ensuring that it remains effective and relevant.

CONCLUSION

In conclusion, the methodology of using mobile educational technologies in "Informatics and Information Technologies" in general education schools, particularly in the 6th grade, can be enhanced through strategic improvements. By addressing the challenges, establishing clear learning objectives, prioritizing professional development, and involving students in the process, educators can unlock the full potential of mobile technologies and provide students with engaging and effective learning experiences. As technology continues to advance, it is imperative for educators to adapt their teaching practices and embrace the opportunities that mobile educational technologies offer.

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