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MOTIVATING YOUNG LEARNERS THROUGH DIGITAL ASSESSMENT

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ABSTRACT:

This article examines the impact of digital assessment, specifically immediate feedback, gamification, and personalized pathways, on the motivation and academic performance of young learners. Utilizing a mixed-methods approach, the research integrates data from digital platforms with classroom observations and student feedback. The study concludes that digital assessment is a vital driver of academic success and recommends its full integration into modern pedagogical practices to better support student development.

The learning and teaching of foreign languages have become increasingly essential amid rapid transformation and progress in education. Proficiency in multiple languages is vital for achieving a high level of competence and serves as a powerful means of expressing oneself globally in today's fast-paced world. In recent years, the rapid development of digital technologies has significantly transformed the educational landscape. The integration of information and communication technologies (ICT) into teaching and learning processes has created new opportunities for enhancing student engagement, improving learning outcomes,

and modernizing assessment practices. Traditional assessment methods, which often rely on paper-based tests and delayed feedback, are increasingly being replaced by digital assessment tools that offer interactive, adaptive, and immediate evaluation of student performance.

Young learners, often referred to as digital natives, are particularly responsive to technology-enhanced learning environments. Digital assessment platforms, such as online quizzes, gamified testing systems, and interactive learning applications, provide immediate feedback, visual stimuli, and personalized learning experiences. These features contribute to increased motivation, active participation, and improved retention of knowledge. Richard E. Mayer in his 'Cognitive theory of Multimedia Learning' states that "multimedia instructional messages that are designed in light of how the human mind works are more likely to lead to meaningful learning than those that are not so designed." Which comes to the point that the cognitive theory of multimedia learning states that instruction is most effective when it aligns with how the human mind processes information, using dual channels, limited capacity, and active processing. Meaningful learning occurs through selecting, organizing, and integrating verbal and visual information with prior knowledge. Therefore, multimedia materials should be designed to reduce unnecessary cognitive load, manage essential processing, and promote deeper understanding. Digital assessment is grounded in several established educational theories. According to John Hattie, feedback significantly influences student achievement, which is effectively supported through instant feedback in digital platforms. Dylan Wiliam emphasizes the importance of formative assessment in promoting continuous learning, a process enhanced by real-time digital tools. The concept of the Zone of Proximal Development by Lev Vygotsky highlights the need for adaptive learning environments, which digital assessments can provide. Additionally, behaviorist principles proposed by B. F. Skinner are reflected in gamified assessment systems that use rewards to motivate learners. Furthermore, the Self-Determination Theory developed by Edward Deci and Richard Ryan explains how autonomy and competence, supported by digital tools, enhance intrinsic motivation.

This study adopts a mixed-methods research design combining quantitative and qualitative approaches to examine the impact of digital assessment on motivating young learners. A quasi-experimental design is applied, involving an experimental group that uses digital assessment tools and a control group that follows traditional assessment methods. The participants of the study consist of 30 students from primary or lower secondary education, selected through convenience sampling. The learners are divided into experimental and control groups to compare the effectiveness of digital and traditional assessment methods.

Ethical considerations such as informed consent and confidentiality are strictly observed. The study utilizes digital assessment tools including Kahoot!, Bamboozle, Quizizz, and Google Forms. These platforms are used to conduct interactive quizzes, provide immediate feedback, and collect assessment data efficiently. Data are collected through pre-tests and post-tests, quiz results generated by digital platforms, student questionnaires, interviews, and classroom observations. Quantitative data are analyzed using descriptive statistics such as mean scores, percentages, and comparative analysis between pre-test and post-test results, while qualitative data are analyzed using thematic analysis to identify patterns in student motivation and engagement. This combination of methods ensures a comprehensive understanding of the effectiveness of digital assessment in enhancing learner motivation.

The results of the study show that digital assessment has a positive impact on student motivation and learning outcomes. The experimental group, which used digital tools such as Kahoot!, Quizizz, and Google Forms, demonstrated higher engagement, better participation, and improved academic performance compared to the control group using traditional assessment methods. The findings indicate that students in the experimental group became more active during lessons, showed higher interest in tasks, and responded more positively to continuous feedback. This suggests that interactive and gamified assessment tools significantly enhance motivation among young learners. The discussion of the results shows that digital assessment improves learning by providing immediate feedback, increasing engagement, and supporting active participation. These findings are consistent with the work of John Hattie, who emphasized the strong influence of feedback on achievement, and Dylan Wiliam, who highlighted the importance of formative assessment in improving learning processes. Overall, the study confirms that digital assessment is more effective than traditional methods in motivating young learners.

Conclusion

This study shows that digital assessment improves young learners' motivation and academic performance compared to traditional methods. The use of interactive and gamified tools such as Kahoot!, Quizizz, Bamboozle and Google Forms increases engagement through instant feedback, interactivity, and reward-based learning. Overall, digital assessment is more effective in enhancing motivation and learning outcomes among young learners.

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