

ISSUE 5

**AKADEMIC JOURNAL
OF EDUCATIONAL RESEARCH (AJER)
INTERNATIONAL SCIENTIFIC JOURNAL**

May 2025



International Scientific Journal
AKADEMIC JOURNAL OF EDUCATIONAL RESEARCH (AJER)
May 2025

Tashkent 2025

“Academic Journal of Educational Research (AJER)” international scientific journal, issue 1, page 1-52. May, 2025

"Academic Journal of Educational Research (AJER)" magazine publishes in the form of scientific articles the results of scientific research conducted by professors and teachers of higher education institutions and independent researchers in our Republic and International. Also, scientific articles of the employees who are working in the international and other scientific institutes, production organizations and enterprises of our Republic and conducting scientific research will be included in the magazine.

All articles were posted to the journal's electronic scientific base at www.ajeruz.com

IN FOREIGN LANGUAGE TEACHING: MOTIVATING LEARNERS THROUGH PLAY-BASED TECHNIQUES

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Annotation: Gamification has emerged as a powerful pedagogical tool in foreign language education, integrating game elements such as points, badges, challenges, and leaderboards into instructional settings to enhance learner motivation and engagement. This paper explores the role of gamification in promoting active participation and intrinsic motivation among foreign language learners, particularly in EFL (English as a Foreign Language) classrooms. Drawing on both theoretical frameworks and empirical studies, the paper highlights how game-based techniques foster a more interactive and student-centered learning environment. The study also examines the psychological underpinnings of gamification, including its connection to self-determination theory and flow theory. Practical applications of gamified tasks in vocabulary learning, grammar drills, speaking activities, and assessment are presented, alongside evidence from recent classroom implementations. Findings suggest that gamification not only increases motivation and reduces language anxiety but also supports long-term retention and collaboration among learners. However, the paper also acknowledges potential limitations, such as overreliance on extrinsic rewards and the challenge of meaningful game design. The study concludes that when thoughtfully integrated, gamification can significantly enhance language learning outcomes.

Key words: Gamification, foreign language teaching, learner motivation, EFL, game-based learning, student engagement, play-based techniques, educational technology.

INTRODUCTION

In recent years, the integration of gamification into educational settings has garnered significant attention, particularly in the context of foreign language teaching. Gamification refers to the application of game-design elements and principles in non-game contexts, such as classrooms, with the aim of increasing motivation, engagement, and learner satisfaction. As traditional language instruction methods often struggle to maintain student interest and foster active participation, gamified techniques present an innovative alternative for making language learning more interactive and effective.

The global shift toward learner-centered education has intensified the demand for instructional strategies that not only deliver content but also motivate learners intrinsically. According to Deterding, gamification enhances user engagement through rewards, competition, feedback, and achievement, which can be effectively aligned with

educational goals. Moreover, self-determination theory (Ryan & Deci, 2000)[11] supports the idea that learners' autonomy, competence, and relatedness can be cultivated through gamified environments, making them more likely to sustain learning efforts over time. In the context of foreign language education, gamification has demonstrated promising outcomes. A 2020 study by Muntean showed that EFL students exposed to gamified tasks reported higher levels of classroom participation and vocabulary retention compared to those in non-gamified classes. Similarly, research by Reinders and Wattana (2015)[10] found that digital games improved speaking fluency and reduced anxiety among English language learners. These findings suggest that gamification is not merely a motivational gimmick but a viable pedagogical strategy with cognitive and affective benefits. However, the effectiveness of gamification is not without challenges. Poorly designed game elements, excessive reliance on extrinsic rewards, and lack of pedagogical alignment can undermine learning objectives. Additionally, the diversity of learner preferences, cultural contexts, and technological accessibility must be considered to ensure inclusive and meaningful gamified experiences.

This study aims to analyze the effectiveness of gamification in foreign language classrooms, focusing on its impact on student motivation and participation. It seeks to identify which play-based techniques are most effective, how learners perceive gamified instruction, and what practical challenges educators face when implementing these methods. By combining a review of existing literature with field-based data, the research aspires to offer actionable insights into integrating gamification in language teaching more systematically and successfully.

LITERATURE REVIEW

Gamification, as an educational innovation, has its roots in game theory and motivational psychology. Over the past decade, numerous scholars have examined its applicability and benefits in foreign language learning (FLL). This section synthesizes key theoretical perspectives and empirical findings relevant to the integration of gamified techniques in language education. One of the dominant theories underpinning gamification is Self-Determination Theory (SDT), developed by Ryan and Deci (2000)[11], which emphasizes the psychological needs of autonomy, competence, and relatedness. Gamified tasks can satisfy these needs through customizable goals, feedback mechanisms, and collaborative activities, thereby promoting intrinsic motivation. In language classrooms, this is crucial, as motivation directly correlates with persistence, risk-taking in speaking tasks, and retention of new vocabulary.

Deterding (2011)[2] define gamification as the use of game design elements in non-game contexts. Common elements include points, badges, leaderboards, quests, and timed challenges. In language education, these can be integrated into vocabulary drills, grammar games, and speaking simulations. According to Hamari, such elements foster goal orientation, a sense of progress, and learner engagement. In fact, studies by Su & Cheng

(2015)[13] found that students in gamified environments outperformed their peers in vocabulary tests by nearly 15%.

Recent studies have highlighted the practical impact of gamification in English as a Foreign Language (EFL) contexts. For example, Reinders and Wattana (2015)[10] conducted an experiment in Thailand where students used online role-playing games to practice speaking English. The results indicated improved fluency, increased willingness to communicate, and reduced anxiety levels. Similarly, a study by Çakıroğlu et al. (2017)[1] in Turkey showed that integrating gamification into Moodle for EFL students enhanced participation rates and test scores. Gamification also shows promise in online and blended learning environments. According to Domínguez et al. (2013)[3], students who participated in gamified e-learning courses were more consistent in completing tasks and logged in more frequently than those in traditional courses. This is particularly relevant in the post-pandemic world, where digital instruction has become commonplace.

Despite its growing popularity, gamification is not universally effective. Hanus and Fox (2015)[4] argue that over-reliance on external rewards such as badges can reduce intrinsic motivation over time. In addition, instructors often face difficulties designing meaningful game elements that align with learning objectives. Moreover, access to digital tools remains a barrier in some contexts, especially in under-resourced educational settings. The literature suggests that gamification, when designed with pedagogical intention, can enhance learner engagement, motivation, and performance in foreign language classrooms. However, its success depends on thoughtful implementation, consideration of learner diversity, and continuous evaluation.

METHODOLOGY

This study utilized a mixed-methods research design to explore the impact of gamification on learner motivation and engagement in foreign language classrooms. Combining both quantitative and qualitative approaches allowed for a more comprehensive understanding of how play-based techniques influence learners' behavior and academic performance. The research was conducted in two secondary schools and one university in Uzbekistan, involving a total of 98 learners aged between 14 and 21. Among them, 53 students were part of the experimental (gamified) group, while 45 students were placed in the control group, receiving traditional instruction. Participants had varying levels of English proficiency, ranging from A2 to B2 according to the CEFR scale.

The study lasted 8 weeks, during which the experimental group received lessons that incorporated gamification elements such as point systems, badges, leaderboards, mini-games, and peer challenges. The control group followed the same curriculum but without gamified features. The gamified materials were designed using tools like Kahoot, Quizizz, and Classcraft, and aligned with communicative language teaching principles.

Instruments;

- a) To measure changes in student motivation and engagement, the study employed multiple data collection tools:
- b) A pre- and post-test questionnaire based on the Motivated Strategies for Learning Questionnaire (MSLQ) to assess motivation levels.
- c) Classroom observation checklists focusing on participation, collaboration, and task completion.
- d) Semi-structured interviews with 10 students from the experimental group and 3 teachers to gather qualitative feedback.
- e) Weekly performance tracking sheets to monitor progress in vocabulary, grammar, and speaking tasks.

Quantitative data were analyzed using SPSS 26, where paired sample t-tests compared pre- and post-intervention motivation scores. Descriptive statistics (mean, SD) were also calculated to observe trends in performance. Qualitative data from interviews and observations were coded thematically to identify recurring patterns in students' attitudes and engagement behaviors. Participants were informed of the study's aims and procedures and gave informed consent. Their identities were kept confidential, and all data were anonymized. The research followed institutional ethical guidelines and was approved by the relevant academic board.

RESULTS

The findings of the study revealed significant differences in motivation and engagement levels between the experimental (gamified) group and the control group. The results from the Motivated Strategies for Learning Questionnaire (MSLQ) indicated that students in the gamified group showed a 25.4% increase in motivation scores, compared to only 6.7% in the control group. This difference was statistically significant ($p < 0.01$), suggesting a strong relationship between gamification techniques and learner motivation. Classroom observations further supported these results. Students in the experimental group demonstrated higher levels of active participation, collaboration, and persistence during tasks. On a 5-point observation scale, the gamified group averaged 4.3, while the control group averaged 3.1. Gamified learners were more likely to volunteer answers, engage with peers, and show enthusiasm during review activities, particularly those conducted via interactive platforms like Kahoot and Quizizz.

In terms of academic performance, the gamified group also outperformed the control group in vocabulary and grammar quizzes. By the end of the 8-week intervention, 78% of the gamified learners improved their test scores by at least one letter grade, compared to 49% of the control group. Performance tracking sheets showed consistent progress in target language use, especially in speaking tasks where learners earned virtual rewards for using new vocabulary in conversations. Qualitative data from interviews reinforced the positive effects of gamification. Students reported that game-like elements made the lessons more enjoyable, less stressful, and increased their willingness to speak

in English. Several participants emphasized that the point systems and team-based activities created a “friendly competition” that encouraged them to try harder.

Teachers interviewed also noted a visible improvement in classroom dynamics. They observed that students who were typically shy or disengaged became more involved when game elements were introduced. One teacher remarked, “Even my quietest students were raising their hands and laughing during gamified lessons.” Overall, the results highlight that gamification can be a powerful tool in foreign language teaching, enhancing both motivation and performance, particularly when implemented with pedagogical purpose.

DISCUSSION

The results of the study clearly support the hypothesis that gamification has a positive impact on learner motivation and engagement in foreign language classrooms. The statistically significant increase in motivation scores and observable improvements in classroom participation align with findings from previous research (Deterding et al., 2011)[2], which emphasize that gamified instruction fosters a sense of enjoyment, challenge, and achievement among learners.

One of the most noteworthy observations was the transformation of classroom dynamics. Students who were previously disengaged or hesitant to participate became more active during gamified lessons. This suggests that game-based elements such as point systems, leaderboards, and peer competition tap into intrinsic and extrinsic motivation effectively. As Ryan and Deci’s Self-Determination Theory (2000) explains, motivation increases when learners feel competent, autonomous, and socially connected—all of which were observed in the gamified group. Furthermore, the consistent improvement in academic performance, especially in vocabulary and speaking, highlights the practical benefits of integrating gamification with traditional pedagogical strategies[11]. Tools like Kahoot, Quizizz, and Classcraft not only added variety but also reinforced language retention through repetition and positive reinforcement. These findings are consistent with recent literature, which indicates that gamified environments increase memory retention and long-term engagement (Sailer & Homner,) [12].

However, it is important to acknowledge some limitations. While motivation and engagement improved significantly, not all learners responded equally. Some students felt stressed by competitive elements or were more focused on gaining points than on actual learning outcomes. This suggests the need for balanced and inclusive gamification design that accommodates different learning styles and personality types. Overall, this study confirms that when thoughtfully implemented, gamification can serve as an effective strategy for increasing learner motivation and participation in EFL contexts. Future research could explore its long-term effects, its impact on different age groups, or how gamification interacts with digital literacy and classroom management.

CONCLUSION

This study has demonstrated that gamification is an effective and engaging strategy in the context of foreign language teaching, particularly in enhancing learner motivation and classroom participation. The integration of play-based techniques such as digital games, points, leaderboards, and rewards contributed to creating a dynamic and supportive learning environment where students felt more confident, active, and willing to communicate in the target language.

Quantitative and qualitative data consistently showed that learners in the gamified group outperformed their peers in both motivational indicators and academic outcomes. The results suggest that gamification, when carefully aligned with pedagogical goals, not only enhances language acquisition but also fosters a positive classroom atmosphere conducive to sustained engagement. In conclusion, gamification holds strong potential for transforming EFL classrooms into more interactive, learner-centered spaces. With ongoing technological advancement, its relevance and applicability are likely to grow. Future studies could focus on the long-term effects of gamified learning, the role of teacher training in gamification design, and cross-cultural differences in learner response to game elements.

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AKADEMIC JOURNAL OF EDUCATIONAL RESEARCH (AJER)
international scientific journal
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Nashr qilingan sana: 29.03.2025.
Shrift: "Times New Roman".

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