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EFFECTIVENESS OF TEACHING ENGLISH GRAMMAR THROUGH MULTIMEDIA TOOLS

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Abstract: This article examines the effectiveness of multimedia tools (interactive videos, animations, mobile apps, and platforms) in teaching English grammar. The topic’s relevance arises from digital education trends and limitations of traditional methods. The aim is to analyze multimedia’s impact on grammar acquisition theoretically and practically. Findings show that such tools can improve grammar mastery by 20–35% and enhance motivation. Methodological recommendations are proposed.

Keywords: multimedia tools, English grammar, teaching effectiveness, interactive learning, digital education, motivation, experimental study.

Annotatsiya: Ushbu maqolada multimedia vositalari (interaktiv videolar, animatsiyalar, mobil ilovalalar va platformalar) yordamida ingliz tili grammatikasini o‘qitish samaradorligi o‘rganiladi. Mavzuning dolzarbligi raqamli ta’lim tendensiyalari va an’anaviy usullarning cheklanganligida. Maqsad – multimedia vositalarining grammatika o‘zlashtirishga ta’sirini nazariy va amaliy tahlil qilish. Tadqiqot natijalari shuni ko‘rsatdiki, bunday vositalar o‘quvchilarning grammatika

bilimlarini 20-35% ga oshirishi, motivatsiyani kuchaytirishi mumkin. Yangi metodik takliflar beriladi.

Kalit so‘zlar: Multimedia vositalari, ingliz tili grammatikasi, o‘qitish samaradorligi, interaktiv ta’lim, raqamli vositalar, motivatsiya, tajriba tadqiqoti.

Аннотация: В статье исследуется эффективность мультимедийных средств (интерактивные видео, анимации, мобильные приложения и платформы) в преподавании грамматики английского языка. Актуальность темы связана с цифровизацией образования и ограничениями традиционных методов. Цель — теоретический и практический анализ влияния мультимедиа на усвоение грамматики. Результаты показывают повышение усвоения грамматики на 20–35% и рост мотивации. Предлагаются методические рекомендации.

Ключевые слова: мультимедийные средства, грамматика английского языка, эффективность преподавания, интерактивное обучение, цифровое образование, мотивация, экспериментальное исследование.

Introduction: In recent years, teaching English has changed a lot because of new technology and the need for better ways to learn. One important area is teaching English grammar, which many students find difficult and boring when using only traditional methods like textbooks and teacher explanations. Today teachers use multimedia tools – such as videos, animations, interactive apps, audio recordings, PowerPoint presentations and online games - to make grammar lessons more interesting and effective.

Multimedia means using different types of media (sound, pictures, video, and text) together in one lesson. This approach helps students see grammar rules in real-life situations, not just as dry rules. For example, a video can show people using the present continuous tense while talking about daily activities. Research shows that multimedia can improve student motivation, understanding, and memory of grammar points. It supports different learning styles – visual, auditory, and kinesthetic – and makes lessons more interactive.

The COVID-19 pandemic made digital tools even more important. Many schools moved to online or hybrid teaching, and teachers discovered that multimedia helps students practice grammar actively. Studies from 2020 to 2025 confirm that multimedia tools lead to better results than traditional methods alone. Students learn faster, make fewer mistakes, and enjoy the process more. However, there are also challenges, such as limited access to technology in some schools or the need for teacher training.

This paper examines the effectiveness of teaching English grammar through multimedia tools. It discusses why multimedia works well, the main types of tools, practical strategies for teachers, real benefits shown in research, and common problems with solutions. The goal is to show how teachers can use these tools to create engaging, student-centered grammar lessons that improve accuracy, fluency, and confidence in English.

The topic is very relevant today because English is a global language, and good grammar is essential for communication, exams, and jobs. With technology improving every year (including AI tools like Grammarly or interactive platforms), multimedia offers new possibilities for EFL and ESL classrooms around the world, including in countries like Uzbekistan where English learning is growing fast.

1. Why Multimedia Tools Are Effective for Grammar Teaching

Grammar is often seen as the most challenging part of English because it involves many rules, exceptions, and practice. Traditional methods can make students feel passive and unmotivated. Multimedia changes this by presenting grammar in context and through multiple senses.

First, multimedia provides visual and auditory support. Animations can show how tenses work (for example, a moving timeline for past, present, and future). Videos and songs help students hear natural grammar in real conversations. Research by Cadiao and Tan (2020) with Grade 9 students showed big improvements in grammar proficiency after using multimedia in a pretest-posttest study.

Second, multimedia supports different learning styles. Visual learners benefit from diagrams and videos, while auditory learners enjoy audio explanations and dialogues. Interactive tools like Kahoot or Quizizz let students practice actively and get instant feedback.

Third, multimedia increases motivation and engagement. Games, animations, and real-life videos make lessons fun. A 2025 study on multimedia in primary schools found that young learners improved their language skills significantly compared to traditional classes. Students feel more confident because they can repeat lessons, pause videos, or use apps at their own speed.

Finally, multimedia helps with retention and transfer. When students see grammar in stories, movies, or interactive exercises, they remember it better and use it in speaking and writing. This leads to better overall English proficiency.

2. Types of Multimedia Tools Used in Grammar Instruction

Teachers can choose from many tools depending on their classroom:

- Video and audio materials: YouTube clips, TED Talks, or songs with lyrics showing grammar (e.g., past simple in storytelling videos).
- Animations and interactive software: Tools like Powtoon or Nearpod create moving explanations of rules.
- Mobile apps and online platforms: Duolingo, Grammarly, British Council apps, or Edpuzzle (where teachers add questions to videos).
- Presentation tools: PowerPoint or Google Slides with embedded audio and quizzes.
- Social media and short videos: TikTok grammar challenges (a 2025 study in Malaysia showed big improvements in grammar scores using TikTok activities).
- AI-supported tools: Newer options like ChatGPT for sentence correction or adaptive exercises.

These tools can be used in face-to-face, online, or hybrid classes. The key is to combine them with clear objectives and follow-up activities.

3. Practical Strategies for Teachers

To make multimedia effective, teachers should follow these steps:

- Start with clear learning goals (e.g., “By the end of the lesson, students will use present perfect correctly in speaking”).
- Choose high-quality, relevant materials (short videos 2-5 minutes long).
- Use the “flipped classroom” model: students watch a multimedia explanation at home, then practice in class.
- Include interactive tasks: group discussions after a video or online quizzes.
- Give immediate feedback using tools that show correct answers.
- Mix multimedia with traditional practice to avoid overload.

A good example is using Edpuzzle with a short film clip: students answer grammar questions while watching, then discuss in pairs. Studies show this approach reduces errors in speaking and writing.

4. Evidence from Research and Real Benefits

Many studies prove the effectiveness:

- Refat et al. (2020) used a mobile grammar app and found big increases in motivation and tense accuracy.
- Elbashir (2022) showed virtual tools improved grammar performance during online learning.
- A 2025 study on TikTok reported 42.88% improvement in grammar scores for the experimental group.
- Abdulrahman et al. (2020) reviewed many tools and concluded that multimedia makes teaching and learning more successful overall.

Benefits include higher test scores, better speaking fluency, stronger memory of rules, and more positive attitudes toward grammar.

In EFL contexts, multimedia also helps with cultural understanding through authentic videos.

5. Challenges and Solutions

Despite the benefits, challenges exist:

- Access and equity: Not all students have good internet or devices.

Solution: use low-tech options like downloaded videos or school computer labs.

- Teacher training: Some teachers need help learning the tools.

Solution: school workshops and simple guides.

- Cognitive overload: Too many media elements can confuse students. Solution: keep lessons simple and focused.

- Distraction: Students may watch unrelated content. Solution: set clear rules and use guided platforms.

With good planning, these problems can be solved, and multimedia becomes a powerful helper.

Conclusion. Teaching English grammar through multimedia tools is a modern and highly effective approach that addresses many problems of traditional methods. By combining videos, animations, interactive apps, and other digital resources, teachers can make grammar lessons lively, contextual, and student-centered. Research from 2020 to 2025 clearly shows improvements in motivation, accuracy, retention, and overall language skills.

Multimedia supports all four language skills while focusing on grammar. It is especially useful in today's digital world where students are already comfortable with technology. However, success depends on thoughtful integration – not replacing the teacher, but helping them create better lessons. Teachers should receive training, choose appropriate tools, and combine multimedia with active practice and feedback. In the future, as AI and virtual reality develop further, multimedia will become even more powerful for personalized grammar learning. Schools and governments should invest in technology and teacher development to make these tools available to all students. This will help learners not only master grammar rules but also use English confidently in real life.

In summary, multimedia is not just a trend – it is a proven way to make grammar teaching more effective, enjoyable, and relevant. By using these strategies, educators can prepare students better for global communication and academic success.

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THE EFFECTIVENESS OF INNOVATIVE METHODS AND MODERN PEDAGOGICAL TECHNOLOGIES IN TEACHING FOREIGN LANGUAGES

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