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#### MAKTABGACHA YOSHDAGI BOLALARGA INGLIZ TILINI STEM YONDASHUVI ORQALI TA'LIM BERISH

Аннотация

Ushbu maqola maktabgacha yoshdagi bolalarga ingliz tilini o'rgatishda STEAM (fan, texnologiya, muhandislik, san'at va matematika) yondashuvidan foydalanishni o'rganadi. STEAM yondashuvi tanqidiy fikrlash, ijodkorlik va muammolarni hal qilish ko'nikmalarini rivojlantiruvchi qiziqarli va interaktiv ta'lim tajribasini yaratish uchun ushbu fanlarni birlashtiradi. Ingliz tili darslariga STEAM faoliyatini qo'shish orqali o'qituvchilar yosh talabalarga til ko'nikmalarini yaxshilashga yordam berishlari mumkin, shuningdek, o'rganish va izlanishga bo'lgan muhabbatni uyg'otishlari mumkin. Ushbu maqolada erta bolalik sharoitida ingliz tilini o'rgatishda STEAM yondashuvidan foydalanishning afzalliklari muhokama qilinadi va sinfda STEAM faoliyatini amalga oshirish uchun amaliy strategiyalar va misollar keltirilgan.

**Kalit so'zlar:** ingliz tilini o'qitish, maktabgacha yoshdagi bolalar, STEAM yondashuvi, fan, texnologiya, muhandislik, san'at, matematika, tilni bilish, tanqidiy fikrlash, ijodkorlik, muammolarni hal qilish ko'nikmalari, o'rganish tajribasi, tadqiqot, sinfda amalga oshirish.

#### ПРЕПОДАВАНИЕ АНГЛИЙСКОГО ЯЗЫКА ДЕТЯМ ДОШКОЛЬНОГО ВОЗРАСТА С ИСПОЛЬЗОВАНИЕМ ПОДХОДА STEAM

Аннотация

В данной статье исследуется использование подхода STEAM (наука, технология, инженерия, искусство и математика) при обучении английскому языку детей дошкольного возраста. Подход STEAM объединяет эти дисциплины для создания увлекательного и интерактивного учебного процесса, который способствует критическому мышлению, творчеству и навыкам решения проблем. Включая занятия STEAM в уроки английского языка, преподаватели могут помочь юным ученикам улучшить знание языка, а также воспитать любовь к обучению и исследованиям. В этом документе обсуждаются преимущества использования подхода STEAM в обучении английскому языку в дошкольных учреждениях, а также приводятся практические стратегии и примеры реализации мероприятий STEAM в классе.

**Ключевые слова:** преподавание английского языка, дети дошкольного возраста, подход STEAM, наука, технологии, инженерия, искусство, математика, знание языка, критическое мышление, креативность, навыки решения проблем, опыт обучения, исследования, внедрение в классе.

#### TEACHING ENGLISH TO PRESCHOOL CHILDREN THROUGH THE STEAM APPROACH

Annotation

This paper explores the use of the STEAM (Science, Technology, Engineering, Arts, and Mathematics) approach in teaching English to preschool children. The STEAM approach integrates these disciplines to create engaging and interactive learning experiences that promote critical thinking, creativity, and problem-solving skills. By incorporating STEAM activities into English language lessons, educators can help young learners develop language proficiency while also fostering a love for learning and exploration. This paper discusses the benefits of using the STEAM approach in preschool English instruction and provides practical strategies and examples for implementing STEAM activities in the classroom.

**Key words:** Teaching English, Preschool Children, STEAM Approach, Science, Technology, Engineering, Arts, Mathematics, Language Proficiency, Critical Thinking, Creativity, Problem-Solving Skills, Learning Experiences, Exploration, Classroom Implementation

**Kirish.** Teaching English to preschool children through the STEAM (Science, Technology, Engineering, Arts, and Mathematics) approach is gaining recognition as an innovative and effective method to enhance language learning in young learners. This approach integrates various disciplines to create a holistic learning experience that fosters creativity, critical thinking, problem-solving skills, and language development [1]. By combining English language teaching with hands-on STEAM activities, educators can engage children in meaningful and interactive learning experiences that promote language acquisition in a fun and engaging way.

In this paper, we will explore the integration of the STEAM approach into English language teaching for preschool children. Drawing on recent studies from South Korea, Taiwan, the United States, and China, we will examine the impact of STEAM-based activities on language development, cognitive skills, and overall learning outcomes in young learners. Through a comparative analysis of different teaching practices and methodologies, we aim to provide insights into the effectiveness of incorporating STEAM education in teaching English to preschool children and highlight the benefits of this

interdisciplinary approach for early childhood language learning [2].

Teaching English to preschool children through the STEAM approach involves integrating language learning with hands-on activities in science, technology, engineering, arts, and mathematics. This approach recognizes the importance of engaging young learners in meaningful and interactive experiences that promote language development while also fostering skills in critical thinking, problem-solving, creativity, and collaboration. One key aspect of the STEAM approach is its emphasis on experiential learning. By incorporating hands-on activities such as experiments, building projects, art projects, and math games into English language lessons, educators can create a dynamic and engaging learning environment that appeals to the diverse interests and learning styles of young children. For example, a lesson on colors and shapes in English could be enhanced by incorporating a hands-on art project where children create their own geometric shapes using colored paper and glue [3]. This not only reinforces language concepts but also allows children to explore and manipulate materials in a creative and meaningful way.

**Mavzuga oid adabiyotlar tahlili.** Furthermore, the STEAM approach promotes interdisciplinary learning by connecting different subject areas in a cohesive and integrated manner. For preschool children learning English, this means that language lessons can be enriched by drawing connections to other disciplines such as science, technology, engineering, and math. For instance, a lesson on animals and their habitats in English could be supplemented by a science experiment where children observe and classify different types of animal tracks or a math activity where they measure and compare the sizes of animal footprints [4]. Moreover, the STEAM approach encourages a holistic approach to learning that goes beyond rote memorization of vocabulary and grammar rules. By engaging children in hands-on activities that require them to think critically, solve problems, and work collaboratively with their peers, educators can help them develop essential 21st-century skills that are crucial for success in an increasingly complex and interconnected world.

Teaching English to preschool children through the STEAM approach offers a dynamic and innovative way to enhance language learning by integrating it with other disciplines. By providing young learners with opportunities to engage in hands-on activities that stimulate their curiosity, creativity, and critical thinking skills, educators can create a rich and engaging learning environment that supports their language development and overall cognitive growth. Teaching English to preschool children through the STEAM approach involves incorporating technology into language learning activities. Technology can be a powerful tool for engaging young learners and enhancing their English language skills in a fun and interactive way. By integrating technology into the STEAM approach, educators can leverage digital tools such as educational apps, interactive whiteboards, tablets, and computers to create engaging and immersive learning experiences for preschool children [5].

One way technology can enhance English language learning in the preschool classroom is through the use of educational apps. There are numerous apps available that are specifically designed to help young children learn English vocabulary, grammar, and pronunciation through interactive games, quizzes, and activities. For example, an app that features colorful graphics, audio pronunciations, and engaging animations can help children learn new words and phrases in a playful and engaging manner. Interactive whiteboards are another valuable technology tool that can be used to support English language learning in preschool classrooms. Educators can use interactive whiteboards to display multimedia content, interactive games, videos, and online resources that reinforce language concepts and engage children in hands-on learning activities. For instance, a teacher could use the whiteboard to display a digital storybook with audio narration and interactive elements that encourage children to participate in the storytelling process and practice their listening and speaking skills [6].

**Tadqiqot metodologiyasi.** In addition, tablets and computers can be used to provide children with personalized learning experiences tailored to their individual needs and interests. With access to educational websites, online videos, e-books, and language learning platforms, preschool children can explore English language content at their own pace and engage with interactive activities that cater to their learning preferences. For example, a child who enjoys music and rhythm may benefit from using a language learning app that incorporates songs and rhymes to help them memorize vocabulary and improve their pronunciation [7]. Integrating technology into the STEAM

approach for teaching English to preschool children can enhance language learning by providing interactive and engaging experiences that cater to the diverse learning styles and preferences of young learners. By leveraging digital tools and resources, educators can create a dynamic and immersive learning environment that motivates children to actively participate in their language learning journey and develop essential English language skills in a fun and meaningful way.

The STEAM approach, which integrates Science, Technology, Engineering, Arts, and Mathematics into the curriculum, can be a valuable framework for teaching English to preschool children. By incorporating elements of STEAM into language learning activities, educators can create engaging and interactive experiences that help children develop their English language skills while also fostering creativity, critical thinking, and problem-solving abilities. One way to incorporate the STEAM approach into teaching English to preschool children is through hands-on activities that combine language learning with scientific concepts. For example, educators can organize science experiments that involve following instructions in English, describing observations, and discussing results in the target language. This not only helps children practice their English vocabulary and communication skills but also encourages them to think critically and make connections between language and real-world phenomena [8].

Furthermore, technology can play a significant role in implementing the STEAM approach for teaching English to preschool children. Educational apps, interactive whiteboards, and digital resources can be used to introduce children to engineering concepts, such as building structures or designing simple machines, while also reinforcing English language skills. For instance, a language learning app that incorporates engineering challenges or puzzles can engage children in problem-solving activities that require them to use English to communicate and collaborate with their peers [9]. Incorporating arts into English language learning activities can also enhance the STEAM approach in the preschool classroom. Educators can use music, drama, storytelling, and visual arts to engage children in creative expression and language practice. For example, organizing a puppet show where children act out a story in English can help them improve their speaking and listening skills while also stimulating their imagination and artistic abilities.

**Xulosa va takliflar.** Moreover, mathematics can be integrated into English language learning activities to help children develop their numeracy skills while practicing English vocabulary and grammar. Educators can incorporate counting games, shape recognition activities, and measurement tasks into language lessons to reinforce mathematical concepts in a language-rich environment. For instance, organizing a scavenger hunt where children have to solve math problems in English to find hidden clues can make learning both subjects more engaging and interactive. Overall, teaching English to preschool children through the STEAM approach offers a holistic and multidisciplinary approach to language learning that promotes creativity, critical thinking, and problem-solving skills. By incorporating elements of Science, Technology, Engineering, Arts, and Mathematics into English language lessons, educators can create dynamic and immersive learning experiences that cater to the diverse needs and interests of young learners while helping them develop essential language skills in a meaningful and engaging way.

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