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- 1.O'zbekiston Respublikasi Vazirlar Mahkamasining 2020-yil 31-dekabrda "Oliy ta'lim muassasalarida ta'lim jarayonini tashkil etish bilan bog'liq tizimni takomillashtirish chora-tadbirlari to'g'risida" 824-sonli Qarori / Qonun hujjatlari ma'lumotlari milliy bazasi, 31.12.2020-y., 09/20/824/1689-son.
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EFFECTIVE USE OF INFORMATION IN LANGUAGE LEARNING

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Abstracts : This essay will delve into the effective utilization of information technologies in language learning, exploring its impact, the contributions of influential individuals, and potential future developments. By examining various perspectives and providing well-reasoned analysis, this essay aims to highlight the significance of employing technology in linguistics education.

Keywords: information technology, foreign language, online education, mobile applications

In recent years, the intersection of information technology and language learning has evolved significantly. With the rise of digital communication, online resources, and social media, learners now have access to an unprecedented amount

of information and tools to facilitate language acquisition. This transformation offers remarkable potential for students worldwide, particularly for those learning foreign languages. By understanding how to leverage these technologies effectively, learners can enhance their skills and improve their proficiency in a new language. The journey of incorporating technology into language education is not new. Historically, language teaching methods have evolved from traditional classroom settings to more innovative approaches involving digital tools. In the past, learners relied heavily on textbooks and physical classrooms. Today, technology allows students to immerse themselves in a language environment through various platforms.

One of the most significant developments in language education is the emergence of language learning applications. Apps like Duolingo, Babbel, and Rosetta Stone have gained immense popularity among language learners. These tools encourage self-paced learning and provide gamified content, making language acquisition more enjoyable. They also offer personalized feedback, allowing users to identify and work on their weak points. Furthermore, these apps often include elements of artificial intelligence to tailor lessons to the individual learner's pace and comprehension level.

Social media platforms also play a crucial role in language learning. Platforms like Twitter, Facebook, and Instagram provide opportunities for learners to interact with native speakers. Language exchange groups on these platforms encourage users to practice their skills with others from around the world. Moreover, access to authentic materials such as articles, videos, and podcasts exposes learners to real-world language use, which is essential for developing practical communication skills. The ability to engage with content in a target language helps learners understand contextual usage, slang, and cultural nuances that traditional education may overlook.

Influential figures in the field of language education technology, such as Dr. Stephen Krashen, advocate for the benefits of interaction in language learning. Krashen's Input Hypothesis suggests that learners acquire language best when they are exposed to language slightly above their current level. Information technology aligns perfectly with this theory, as learners can access various materials that challenge them without overwhelming them. This ideal input fosters natural language acquisition, essential for fluency.

Despite the advantages, there are challenges associated with technology in language learning. Access to technology is not universal, and students in low-income areas may lack the necessary resources. This digital divide could lead to disparities in language learning opportunities. Additionally, the over-reliance on technology can lead to a lack of personal interaction, which is essential for developing conversational skills. A balanced approach that combines traditional methods with modern technologies is necessary for comprehensive language acquisition. Looking to the future, the potential developments in language learning technology are promising. Virtual reality (VR) and augmented reality (AR) are emerging as crucial

tools that could revolutionize how languages are taught. These technologies offer immersive experiences that can simulate real-life environments where learners practice their skills. For example, VR could allow users to engage in conversations in a virtual café while practicing a foreign language, making learning both practical and engaging.

In conclusion, the use of information technology in language learning presents numerous opportunities and challenges. As learners increasingly engage with digital tools, they can enhance their language skills through personalized, interactive experiences. Influential figures have laid the groundwork for understanding the benefits of this integration, and technological advancements continue to shape the landscape of language education. By adopting a holistic approach, educators can equip students with the skills they need to communicate effectively in an increasingly globalized world.

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ИННОВАЦИОННЫЕ МЕТОДЫ СУШКИ ПЛОДОВ ДЛЯ ПРОДЛЕНИЯ СРОКА ХРАНЕНИЯ И ПОВЫШЕНИЯ КАЧЕСТВА ПРОДУКЦИИ.

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Аннотация: В данной статье рассмотрены инновационные методы сушки плодов, направленные на увеличение срока хранения и улучшение качества продукции. Особое внимание уделяется новым технологиям, таким как сублимационная, инфракрасная, микроволновая и вакуумная сушка, а также их комбинированному применению. Представлены сравнительные характеристики различных методов сушки, их влияние на химический состав и органолептические свойства плодов. Приведены результаты исследований, демонстрирующие преимущества инновационных технологий по сравнению с традиционными методами.

Ключевые слова: сушка плодов, инновационные методы, срок хранения, качество продукции, вакуумная сушка, инфракрасная сушка, микроволновая сушка, сублимационная сушка.

Сушка является одним из наиболее эффективных способов консервирования плодов, позволяющим значительно продлить срок их хранения и сохранить полезные вещества. Однако традиционные методы сушки, такие как конвективная и солнечная, нередко приводят к потере питательных веществ и изменению органолептических характеристик продукции. В связи с этим актуальным направлением в пищевой промышленности становится разработка и внедрение инновационных технологий сушки, позволяющих минимизировать потери и улучшить качество готовой продукции.

Для оценки эффективности различных методов сушки были проведены лабораторные исследования, включающие:

- Анализ химического состава плодов после сушки (влажность, содержание витаминов и антиоксидантов);
- Определение срока хранения готовой продукции;
- Сравнение энергетической эффективности различных методов сушки.



Рис 1. Вакуумная сушилка из нержавеющей стали