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ВЛИЯНИЕ ТЕХНОЛОГИЙ НА ПОКОЛЕНИЕ АЛЬФА

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Аннотация. Поколение Альфа, родившееся в период с 2010 по 2025 год, растет в цифровом мире, где технологии играют центральную роль в их повседневной жизни. Целью данного исследования является изучение того, как технологии влияют на поведение, обучение и общее развитие детей из поколения Альфа.

Ключевые слова: поколение Альфа, технология, цифровое погружение, образование, интеллектуальное развитие, онлайн-безопасность.

GENERATION ALPHA: IMPACT OF INFORMATION TECHNOLOGY

Abstract. Generation Alpha, born between 2010 and 2025, is growing up in a digitally immersive world, where technology plays a central role in their daily lives. This research aims to investigate how technology influences the behavior, learning, and overall development of children within Generation Alpha.

Keywords: generation Alpha, technology, digital immersion, education, intellectual development, online safety.

Generation Alpha, comprising individuals born between 2010 and 2025, represents a cohort growing up in an era characterized by ubiquitous digital technology. This generation is deeply immersed in digital devices and online platforms from an early age, shaping their cognitive and socio-emotional development. Understanding the impact of technology on Generation Alpha is essential for educators, parents, and policy-makers to navigate the challenges and opportunities presented by the digital age.

The purpose of this research is to investigate the influence of technology on the behavior, learning, and overall development of children within Generation Alpha. The objectives include:

1. Understanding how children in Generation Alpha interact with technology and its effects on their behavior and learning.
2. Comparing technology usage patterns among children of different age groups within Generation Alpha.
3. Assessing the impact of digitalization on children's intellectual development and cognitive abilities.

Surveys were conducted among primary and secondary school students in Vladivostok to gather data on their technology usage habits, internet activities, and perceptions of technology. The participants were divided into two groups based on their birth years (2010-2013 and 2014-2017) to analyze age-related differences in technology adoption and its effects. The survey responses were analyzed to identify trends and patterns in technology usage among Generation Alpha children.

The survey delved into the technological behaviors and perceptions of Generation Alpha, shedding light on how these digital natives interact with technology and its implications for their development. Here's a detailed breakdown of the findings:

Age Distribution: The survey encompassed children aged 7-10 and 11-14, providing insights into the technology usage patterns across different age groups within Generation Alpha (рис.1).

Ваш возраст:

51 ответ

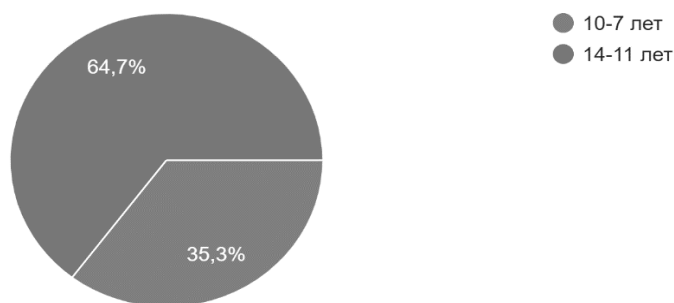


Рис. 7. Age Distribution

Daily Screen Time Distribution: A significant proportion, comprising 62.7% of respondents, reported spending more than 3 hours per day on digital devices, indicating extensive digital immersion. 21.6% of participants dedicated 1-3 hours daily to screen time, reflecting a moderate level of digital usage. Interestingly, 15.7% of respondents allocated less than an hour to screen time each day, suggesting a minority with limited digital exposure (рис. 2).

Сколько времени вы проводите за телефоном, компьютером или планшетом в день? (в среднем, в часах)

51 ответ

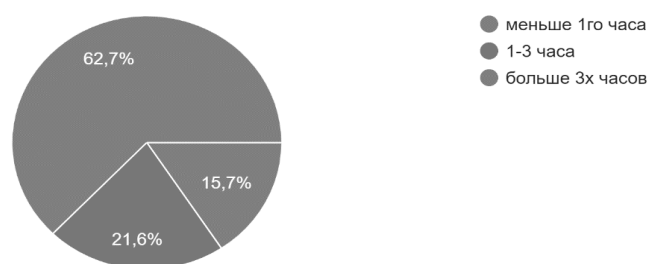


Рис. 8. Daily Screen Time Distribution

Devices Owned: Generation Alpha children predominantly owned smartphones, tablets, and laptops/computers, showcasing the widespread access to digital devices among this demographic.

Frequency of Internet Usage: The survey revealed that an overwhelming majority of Generation Alpha children, comprising 80.4%, access the internet daily, indicating pervasive connectivity and engagement with online content (рис.3).

Как часто вы используете интернет?

51 ответ

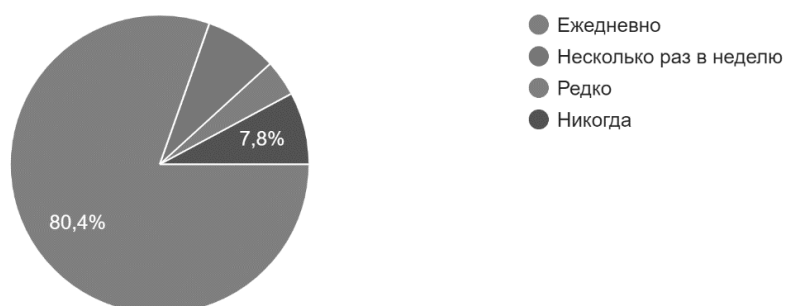


Рис. 9. Frequency of Internet Usage

Most Common Online Activities: Gaming, video consumption, social media usage, educational pursuits, and messaging platforms emerged as the primary online activities among Generation Alpha.

Importance of Internet Activities: Entertainment, socializing with friends, education and information acquisition, exploring new interests and hobbies, and other priorities were identified as significant factors influencing online engagement among Generation Alpha.

Perceived Pros and Cons of Technology Usage: Participants acknowledged the benefits of technology but also expressed concerns regarding addiction, exposure to inappropriate content, and online safety issues.

Offline Activities and Interests: Responses varied widely, encompassing a range of offline hobbies and interests, from sports and arts to reading and outdoor activities.

Important Skills for Future Success: Participants highlighted critical thinking, creativity, adaptability, and digital literacy as crucial skills for navigating the complexities of the future.

Situations Requiring Time Limitations on Technology Usage: Participants identified scenarios such as meal times, bedtime, and study hours as instances where imposing restrictions on screen time could be beneficial for their well-being and productivity.

Within the two age groups, notable differences were observed in technology usage patterns. Older children (11-14 years) tended to spend more time on digital devices compared to their younger counterparts (7-10 years). Additionally, while both groups engaged in similar online activities, the older cohort exhibited a higher inclination towards social media usage and educational pursuits, reflecting a maturation of digital interests with age.

The survey findings underscore the profound impact of technology on Generation Alpha's daily lives and developmental trajectories. As children increasingly rely on digital devices for entertainment, communication, and learning, it is imperative for educators and parents to adopt innovative pedagogical approaches that harness technology's potential while mitigating its risks. Collaborative efforts among stakeholders are essential to cultivate a safe and conducive digital environment for Generation Alpha, ensuring their holistic development and preparedness for the challenges of the future.

The comprehensive insights gleaned from the survey underscore the multifaceted relationship between Generation Alpha and technology. By understanding their digital behaviors, preferences, and concerns, stakeholders can devise informed strategies to support their holistic development, foster responsible technology usage, and ensure their safety in an increasingly digitized world. Collaborative efforts among educators, parents, policymakers, and technology providers are imperative to cultivate a healthy digital environment conducive to the growth and well-being of Generation Alpha

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