Spring 2023-2024 Term 4

ИКНТ/ИкиЗИ/ФизМех

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Active vocabulary: 46, Grammar structures: 4, Linkers: 10, Total: 721 words.

Monologue on *LIVING IN A DIGITAL AGE (UNIT 1)*

Step 1. Introduction 1. Start with a hook sentence that will attract the listener's attention, a quote, a proverb, etc. 2. Lead your speech steadily to the main part of your talk. 3. The introduction may consist of 3-6 sentences.	"Change is the only constant in life," said the ancient Greek philosopher Heraclitus. This quote resonates deeply in today's world, where the Digital Age has transformed every aspect of our lives. From the way we communicate to how we work and live, technology has become the driving force behind societal evolution. In this monologue, I will explore the essence of the Digital Age, the rise of smart machines, the concept of smart cities and homes, and even propose a creative idea for advertising in this tech-driven era. Let's dive into this fascinating journey.
Step 2. The Digital Age 2.1. What is the Digital Age? What features make it different from other ages? 2.2. What are the most important milestones in the history of the Digital Age?	The Digital Age, also known as the Information Age, is defined by the digitization of information, where data is quantitatively encoded as a series of ones and zeroes. This era is marked by the advent of personal computers, the development of fiber optic cables, and the creation of the World Wide Web, which revolutionized how we transmit and access information. Unlike previous eras, the Digital Age is characterized by the near-instant exchange of information, enabled by radio waves and advanced information media. Key milestones include the invention of the microprocessor, which accelerated the transmission and processing of information, and the rise of the internet, which turned the world into an interactive consumer exchange for goods and information. These advancements have had a profound impact on society, reshaping industries, communication, and even our daily routines.
Step 3. Smart machines 3.1. What are smart machines? Speak about positive and negative impact smart machine may have on society 3.2. Describe a smart machine of your choice. What features make it smart?	Smart machines are devices equipped with artificial intelligence (AI) and cognitive computing technologies that allow them to perform tasks without human intervention. These machines, such as self-driving cars and robotic automation systems, are embedded with neural networks and voice recognition capabilities, enabling them to collect and analyze an unprecedented volume of data. While they bring numerous benefits, such as more efficient manufacturing processes and the ability to diagnose diseases and recommend treatments, they also pose challenges. For instance, they may displace workers, leading to higher unemployment rates. A prime example of a smart machine is a self-driving car, which uses optical and thermal sensors and machine-to-machine (M2M) technologies to navigate roads safely. Its ability to function without human intervention makes it a marvel of modern engineering, but it also raises ethical and societal questions about the future of work and safety.
Step 4. Smart cities and homes 4.1. What is a smart city? Do you live in a smart city? Explain why you think so.	A smart city is an urban area that uses intelligent systems and data communication networks to improve the quality of life for its residents. These cities rely on cloud infrastructure, 5G network

4.2. Smart homes. What are they like? Would you like to live in a smart home? What smart appliances/gadgets will it be equipped with?	architecture, and Wi-Fi deployment to create a programmable citywide testbed for innovation. While I don't currently live in a fully smart city, I can see elements of it around me, such as electronic billboards and small cell deployment for better connectivity. On a smaller scale, smart homes are becoming increasingly popular. These homes are equipped with devices with an embedded processor, such as brightness sensors, IR remote controls, and voice control features, all connected through a wireless network. I would love to live in a smart home, where appliances like a Personal Digital Assistant (PDA) and portable devices make daily tasks easier. Imagine a home where your fridge orders groceries when you're running low, or your lights adjust automatically based on the time of day—this is the future we're heading toward.
Step 5. CREATIVE THINKING Introduce your own extra idea(s) on advertising that hasn't/haven't been mentioned before. Substantiate your choice.	In the Digital Age, advertising has evolved into an electronic billboard for products and services, but I propose taking it a step further. Why not use augmented reality (AR) to create immersive ads? For example, a clothing brand could develop an app that allows users to "try on" outfits virtually using their smartphone camera. This would not only engage consumers but also provide a personalized shopping experience. By leveraging software-defined networks and human-machine interfaces, brands could create ads that are not just seen but experienced, making them more memorable and impactful.
Step 6. Conclusion Summarise the ideas of steps 2,3,4,5.	In summary, the Digital Age has revolutionized how we live, work, and interact, thanks to advancements like the World Wide Web and fiber optic cables. Smart machines, powered by AI and cognitive computing, are transforming industries, though they come with both benefits and challenges. Smart cities and homes are redefining urban living, offering convenience and efficiency through intelligent systems and wireless networks. Finally, innovative advertising methods, such as AR, could further enhance consumer engagement in this tech-driven world. As we continue to embrace these changes, one thing is clear: the future is digital, and it's smarter than ever.