



AI Productivity Tools Curriculum



Ages 13-16 | 8 Sessions | 90 minutes Each | AI Tools

This 2-week summer camp on "AI - Productivity Tools" introduces 13-16-year-olds to the fundamentals of AI and how it can enhance productivity through real-world applications. The camp is structured around four main topics: AI Basics, AI for Writing and Research, AI for Creativity and Design, and AI Ethics and the Future. Over two days for each topic, students will explore how AI can help with writing, researching, creating visual content, collaborating in teams, and considering the ethical implications of AI. The camp uses free and accessible AI tools, ensuring that students get hands-on experience with practical applications.

1. Introduction to AI

Students will learn the basics of AI, including key concepts like machine learning and neural networks. They'll explore how AI is used in daily life through voice assistants, recommendation systems, and smart devices. The session will also introduce AI tools for productivity, showing how AI enhances writing, organizing, and problem-solving. Students will interact with tools like Google Assistant to understand their practical applications.





2. AI for Writing and Research (Using ChatGPT)



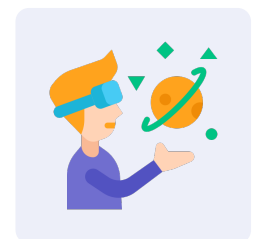
This topic focuses on how ChatGPT can assist with writing, brainstorming, and research. Students will learn how to use ChatGPT for generating ideas, improving writing, and refining drafts. They will explore its ability to summarize articles, provide writing suggestions, and answer research questions. Students will practice using ChatGPT for generating content and conducting efficient research, making academic tasks faster and more efficient.

3. AI for Creativity and Design



Students will explore free AI tools that enhance creativity and design. They will use free AI tools for creating visual content like posters, social media graphics, and presentations. These tools will help students express their creativity while learning how AI can simplify and enhance the design process.

4. AI Ethics and the Future



In this session, students will discuss the ethical implications of AI, focusing on privacy, bias, and job automation. They'll explore the potential future impacts of AI on productivity and daily life. Through debates and group discussions, students will consider AI's role in shaping industries and its broader societal effects.

