Preparing Teachers for the AI Development in Education as an Innovative Asset

101132955

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Newsletter 1









What is the PAIDEIA Project?

The PAIDEIA Project is a groundbreaking initiative funded by the European Commission through the European Agency for Education and Culture (EACEA). Our mission is to revolutionize education by integrating Artificial Intelligence (AI) into teaching and learning, empowering educators, and enhancing student outcomes.

Why AI in Education?

Artificial Intelligence is reshaping our world, and education is no exception. From personalized learning experiences to innovative teaching tools, AI offers unprecedented opportunities to enhance educational practices. However, to harness its full potential, teachers need the right knowledge and skills.









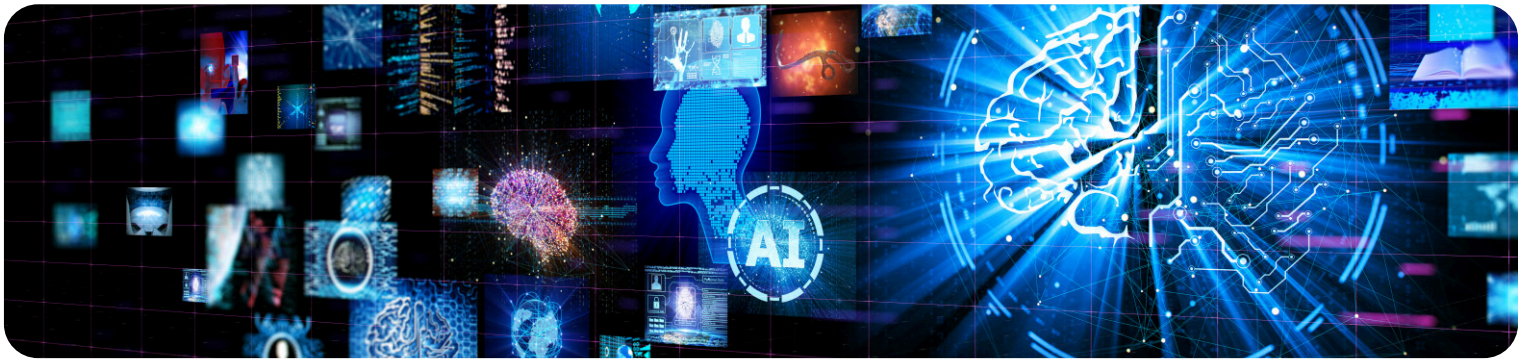


Key Features:

- Comprehensive Training: Tailored programs for teachers to master AI tools and methodologies.
- Action Research: Pilot implementation across various partner countries to test and refine AI integration in real classrooms.
- Collaborative Platform: A European Online Forum for sharing best practices, case studies, and innovations in AI & Education.

Background Information

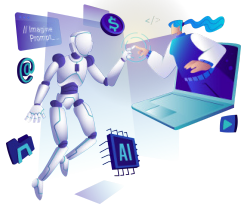
Recent advancements in artificial intelligence (AI) have sparked increased interest in its application across various sectors, including education. The integration of AI in education holds the promise of transforming teaching and learning processes, offering personalized learning experiences and innovative pedagogical approaches. However, this integration also brings challenges such as ethical considerations, data privacy concerns, and the need for teacher training and support. The PAIDEIA Project aims to address these challenges and leverage the opportunities presented by AI in education to support teachers in improving learning outcomes for all students.



The PAIDEIA Project aims:



to equip educators with the knowledge and skills necessary to effectively integrate artificial intelligence (AI) into educational practices.



to promote responsible and ethical use of AI in education, ensuring that its implementation aligns with pedagogical principles and student well-being.



to improve learning outcomes by leveraging AI tools and technologies to personalize learning experiences, address diverse student needs, and optimize teaching methodologies.

Project Partners

CENTRO STUDI VILLA MONTESCA FONDAZIONE

T.C. İSTANBUL VALİLİĞİ

Center for Educational Initiatives

UNIVERSITÀ DEGLI STUDI DI MILANO

DCU Ollscoil Chathair Bhaile Átha Cliath Dublin City University

НИО

UCLL HOGESCHOOL RESEARCH & EXPERTISE

Ministero dell'Istruzione e del Merito Ufficio Scolastico Regionale per la Toscana

universidad SANJORGE GRUPO SANVALERO

GOBIERNO DE ARAGON Departamento de Educación, Ciencia y Universidades

Current Achievements in the Project

The first transnational project meeting was held in Florence, Italy on the 4th - 5th of March 2024. At the meeting, research on the "use of artificial intelligence applications in the field of education" was planned by the partners.











Research and Preparation phase will investigate how traditional and tested student-centered pedagogical methods can be adapted to address AI teaching practices. This includes analyzing educational policies and relevant political documents about AI in each participating country, assessing teachers' knowledge and use of AI in their teaching practices such as student grading and assessments, sentiment analysis, intelligent tutoring, classroom monitoring, recommender systems, AI tools, and platforms, examining how AI can be used to spread or counter disinformation online, and understanding the impact of AI on teaching within the context of future learning and education. This phase employs a research design that integrates various types of analysis (qualitative/quantitative, content analysis) and research tools (surveys, interviews, focus groups, textual analysis, social listening). This research will serve as the foundation for the future development of the project. While AI in education (AI&ED) necessitates change, it is crucial to understand the underlying conditions of such a significant innovation. Additionally, the research phase will address multiple aspects to enhance knowledge and better define the Competence Framework, Spiral Curriculum, and learning materials, thereby improving their implementation during the piloting phase.

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