

# Project AIEd Kenya

*Transforming Education Through Artificial Intelligence (AI)*

## STEM4Girls Kenya Research Project

STEM4Girls is a part of Project AIEd Kenya. Project AIEd Kenya is part of an online global network for policymakers, educators, communities, and students committed to transforming education and society in the interest of humanity by leveraging the affordances of Artificial Intelligence in Education (AIEd) while mitigating the limitations through AI Governance, Human Oversight, and other Tools. Project AIEd promotes Curriculum and Instruction, English and STEM Education, eLearning, Dialogue, Advocacy, and Research and Publications.

Our strategy for accomplishing the goal of transforming education with AIEd includes providing practical courses to stakeholders. These courses, designed and taught by our team of highly qualified, experienced, and dedicated educators, are both theoretical and practical, ensuring they are not only academic but also highly relevant for real-world applications. This approach ensures that the knowledge gained is valuable, leveraging the opportunities and mitigating the limitations of AIEd.

The AIEd course, scheduled for October, November, and December, covers twelve topics. It is an introduction to teaching and learning with AIEd. Assignments informing future education research, policy, and practice will be provided and assessed using AIEd Tools. A certificate of completion will be awarded to each course participant. Lectures started on October 1, 2024, and will end on December 17, 2024. A more advanced course is scheduled for early 2025.

AIEd Project Kenya facilitates and participates in research on teaching and learning with AI. Together with partners in Kenya and elsewhere, we will identify potential research topics, publish comprehensive literature reviews, carry out baseline surveys, and write project proposals for funding by local and international donors.

One of the projects will benefit the Girl Child (<https://www.un.org/en/observances/girl-childday>) in low-income rural girls' schools. If funded, the projects will initially benefit 12-15 schools in Kakamega, Vihiga, Busia, and Kisumu Counties of Western Kenya. Examples of potential research topics and guidelines for a rigorous research process will be provided. Hopefully, some research proposals will be submitted to donors for funding by December 31, 2024.

In June 2025, Project AIEd Kenya and our partners will organize a one-day AIEd International Zoom Conference. The conference presentations will be published in Project AIEd Kenya Journal. Project Kenya AIEd collaborates with international and local public, private, and community stakeholders. We welcome all participants, volunteers, and donors, regardless of their background or experience. We believe in the power of diversity and inclusivity in driving our mission forward, and we value everyone's participation and contribution. We ensure that all stakeholders are valued and integral to our success. Your unique expertise and perspectives make our programs holistic and impactful.