
BARBARA AND BRIAN FORREST, University of Waterloo
Teaching, Learning and Assessment in the Age of AI

There is strong evidence to indicate that artificial intelligence will have a profound impact on teaching and learning. During the first part of this presentation, we will briefly outline some ways in which AI tools can be used today to help make our teaching more efficient.

Much of our success in helping students learn mathematics has been due to the assessments that we have designed as learning tools. For these to be effective it has always been imperative that our students were as fully engaged as possible. In the second part of this presentation, we will provide some examples of our favourite questions and discuss how they hold up in the presence of AI tools and what this may mean for the nature and role of assessments in the future.