

FP TUL TECHNOLOGY-ENHANCED STATISTICS INSTRUCTION IN SCHOOL CONTEXTS

This workshop introduces datalogging with micro:bit as an approach to teaching statistics in schools. Participants will engage with basic programming concepts in a block-based environment and develop simple projects, including simulations and data collection tools, to support statistical inquiry. The session integrates computational thinking with statistical reasoning, focusing on sequencing, loops, conditionals, and input/output in the school classroom contexts. It also demonstrates how real-time data collection can support students' understanding of variability, representation, and analysis.

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