

Show-Case Abstract About my ITEACH Project

Abstract - (With Rubric)

This technology inquiry project explored how digital tools can solve real-world organizational and instructional challenges within a school community through the design and implementation of a sixth-grade track meet. In collaboration with Mrs. Kistler and her sixth-grade students, technology was integrated into physical education to improve event management, skill development, and performance assessment. Google Sheets was used to organize running heats, field event rotations, and student performance data efficiently. During physical education instruction, students practiced event techniques while being recorded on digital devices, allowing for immediate self-analysis and skill correction. Digital handheld timers were used during the official track meet to ensure accurate timing for running events, while a digital measuring application recorded field event distances precisely. This project demonstrates how technology can strengthen physical education by improving accuracy, increasing student engagement, and providing meaningful performance feedback. The overall outcome shows that technology can be used effectively to solve practical challenges in educational settings while supporting collaboration, organization, and student learning.