Optimizing STEM Education With Advanced ICTs and Simulations

Part of the Advances in Educational Technologies and Instructional Design Book Series

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Description:

The role of technology in educational settings has become increasingly prominent in recent years. When utilized effectively, these tools provide a higher quality of learning for students.

Optimizing STEM Education With Advanced ICTs and Simulations is an innovative reference source for the latest scholarly research on the integration of digital tools for enhanced STEM-based learning environments. Highlighting a range of pivotal topics such as mobile games, virtual labs, and participatory simulations, this publication is ideally designed for educators, professionals, academics, and students seeking material on emerging educational technologies.


Topics Covered:

- Collaborative Learning
- Learning Assessment
- Mobile Games
- Participatory Simulations
- Tablets
- Virtual Labs
- Wearable Technology

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