

Handbook of Research on Driving STEM Learning With Educational Technologies

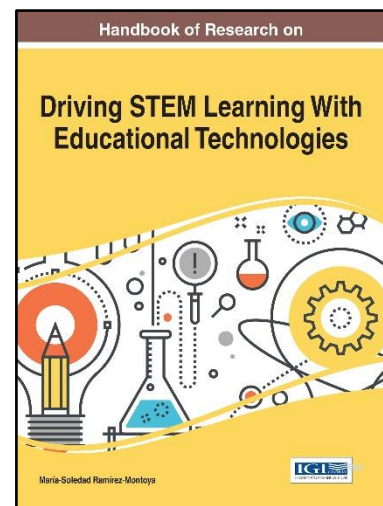
Part of the Advances in Educational Technologies and Instructional Design Book Series

María-Soledad Ramírez-Montoya (Tecnologico de Monterrey, Mexico)

Description:

Educational strategies have evolved over the years, due to research breakthroughs and the application of technology. By using the latest learning innovations, curriculum and instructional design can be enhanced and strengthened.

The **Handbook of Research on Driving STEM Learning With Educational Technologies** is an authoritative reference source for the latest scholarly research on the implementation and use of different techniques of instruction in modern classroom settings. Features exhaustive coverage on a variety of topics including data literacy, student motivation, and computer-aided assessment.



Readers:

This resource is an essential reference publication ideally designed for academicians, researchers, and professionals seeking current research on emerging uses of technology for STEM education.

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Topics Covered:

- Argumentation Schema
- Computer-Aided Assessment
- Data Literacy
- Financial Literacy
- Mathematical Competences
- Modeling and Simulation
- Scientific Reasoning Analysis
- Situated Learning
- Student Motivation

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