

# Visual Approaches to Cognitive Education With Technology Integration

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

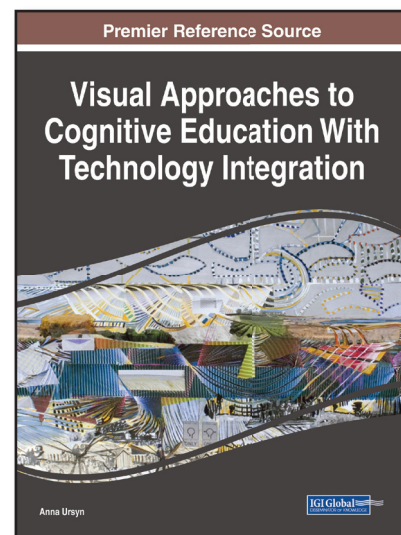
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## Description:

Within the growing world of social media and computer technology, it is important to facilitate collaborative knowledge building through the utilization of visual literacy, decision-making, abstract thinking, and creativity in the application of scientific teaching.

## Visual Approaches to Cognitive Education With Technology

**Integration** is a critical scholarly resource that presents discussions on cognitive education pertaining to particular scientific fields, music, digital art, programming, computer graphics, and new media. Highlighting relevant topics such as educational visualization, art and technology integration, online learning, and multimedia technology, this book is geared towards educators, students, and researchers seeking current research on the integration of new visual education methods and technologies.



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## Topics Covered:

- Art and Technology Integration
- Computer Technology
- Decision-Making
- Educational Visualization
- Knowledge Visualization
- Multimedia Technology
- Online Learning
- Scientific Visualization
- Social Media
- Visual Literacy

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