Technology in Schools: A Balanced Perspective, 2nd Edition

In *Technology in Schools: A Balanced Perspective, 2nd Edition*, you will learn about the challenges and benefits of incorporating technology into instruction. You will discover engaging and meaningful ways to encourage proper technology integration in schools and work toward increasing access for all students. You will also examine the importance of helping students and their families think critically about the role technology plays in their daily lives.

Course Objectives

After completing this course, you should be able to:

Module 1

- Examine the pros and cons of integrating technology in education.
- Evaluate the positives and negatives of using technology in specific classroom settings.

Module 2

- Develop strategies for bridging the digital divide in specific teaching situations.

- Identify ways to overcome technological inequalities between students and teachers, among students, and between students and parents.

Module 3

- Develop strategies for incorporating technology in the classroom for collaboration and relationship building.
- Identify the ways technology can be used to promote collaboration among students and between students and teachers.

Module 4

- Establish strategies to incorporate technology in classroom and homework activities to differentiate instruction.

- Identify how technology how can be effectively used to differentiate instruction and to provide students with authentic, meaningful, and engaging learning activities.

Module 5

- Develop effective strategies for teaching students balanced, responsible use of technology, as well as the critical thinking skills necessary to use technology effectively.

- Realize that although many students may be proficient technology users, they may lack the critical thinking skills necessary to use it efficiently and appropriately.

Module 6

- Develop strategies for helping students use multitasking skills appropriately to enhance learning—as well as help them develop the ability to focus in depth on complex tasks.

- Understand the effects that overexposure to technology can have on the psychological and physical health of students.

Syllabus

Module 1	**How Technology Is Changing Education—and Students** • Module Welcome • Video: Enhancing Learning with Technology • Reading: How Technology Is Changing Education • Reading: *Educational Leadership*—Teaching the iGeneration • Reading: *Educational Leadership*—How PowerPoint Is Killing Education • Reading: *Educational Leadership*—For Openers: How Technology Is Changing Education • Knowledge Check • Application: Analyzing the Use of Technology • Module Review • Post-Module Reflection
Module 2	**Bridging the Digital Divide** • Module Welcome • Video: Adjusting for Different Types of Learners • Reading: Bridging the Digital Divide • Reading: *Educational Leadership*—Roadblocks on the Information Highway • Reading: *Educational Leadership*—Opening Digital Doors • Reading: *Educational Leadership*—Transforming Education with Technology • Video: Differentiated Instruction Ignites Elementary School Learning • Knowledge Check • Application: Analyzing the Digital Divide • Module Review • Post-Module Reflection

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Module 3	**Technology as a Collaborative Tool**
	• Module Welcome
	• Video: Collaborative Learning with Technology
	• Reading: Technology as a Collaborative Tool
	• Reading: *Educational Leadership*—The Change Agents
	• Reading: *Educational Leadership*—Publishers, Participants All
	• Knowledge Check
	• Application: Collaboration Through Technology
	• Module Review
	• Post-Module Reflection
Module 4	**Using Technology for Differentiation**
	• Module Welcome
	• Video: Connecting to Students' Culture
	• Reading: Using Technology to Differentiate Instruction
	• Reading: *Educational Leadership*—The Virtual Circle
	• Reading: *Educational Leadership*—Clicking Across Cultures
	• Reading: *Educational Leadership*—Assistive Technologies for Reading
	• Reading: *Educational Leadership*—Using Multiple Technologies to Teach Writing
	• Video: A Vision of K-12 Students Today
	• Knowledge Check
	• Application: Differentiating Instruction with Technology
	• Module Review
	• Post-Module Reflection

Module 5	**Teaching Technological Literacy**
	• Module Welcome
	• Video: Technology-Based Products and Performances
	• Reading: Teaching Technological Literacy
	• Reading: *Educational Leadership*—Becoming Network Wise
	• Reading: *Educational Leadership*—Adventures with Cell Phones
	• Knowledge Check
	• Application: Teaching Technological Literacy
	• Module Review
	• Post-Module Reflection
Module 6	**Teaching a Balanced Use of Technology**
	• Module Welcome
	• Video: Active Learning with Technology
	• Reading: Teaching a Balanced Use of Technology
	• Reading: *Educational Leadership*—The Overdominance of Computers
	• Video: The Monkey Business Illusion
	• Knowledge Check
	• Application: Teaching a Balanced Use of Technology
	• Module Review
	• Post-Module Reflection

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