

Menu

This Menu gives you quick access to all the content for *21st Century Schools: How Digital Innovation is Transforming Teaching*. It will also keep track of your progress as you work your way through the program's video content in the topics. When you feel comfortable with the content of a particular section, take the corresponding assessment.


Module 1: Introduction to "21st Century Schools: How Digital Innovation is Transforming Teaching"

This topic is:
0% Complete

Topic A:
"21st Century Schools" Overview | 4 min | Hide Content

- VIEW 1. Introduction to "21st Century Schools: How Digital Innovation is Transforming Teaching" | 03:51
- VIEW 2. Site Tips | 00:20

Module 2: School in the New Knowledge Economy

This topic is:
 7% Complete

Topic A:
The Power of Leadership | 47 min | Hide Content

- VIEW 1. Three questions you need to ask before adopting school technology? | 04:31
- VIEW 2. Essential skills needed in the "knowledge economy" | 02:56
- VIEW 3. Using technology to connect students, teachers and parents | 02:41
- VIEW 4. Discover how technology helps build teacher collegiality | 02:18
- VIEW 5. Internet information literacy: an essential skill in the knowledge economy | 06:35
- VIEW 6. Using technology to promote authentic communication and assessment | 02:16
- VIEW 7. Staff development to help teachers integrate technology into their lesson | 03:28
- VIEW 8. Can technology provide too much information to parents? | 04:04
- VIEW 9. The number one barrier to technology integration | 05:25
- VIEW 10. The future of online learning | 01:51
- VIEW 11. Using technology to publish every teacher's best practices | 01:30
- VIEW 12. Enterprise software to monitor student data | 04:48
- VIEW 13. Should online college courses be available to high school students? | 02:20
- VIEW 14. Shifting to a school culture of student centered learning | 02:04

Assessment:
School in the New Knowledge Economy

Module 3: Teaching the Technology is Not the Goal

This topic is:
0% Complete


Topic A:
Teaching the Technology is Not the Goal | 36 min | Hide Content

- VIEW 1. Alan November discusses technology tasks in classrooms | 03:52
- VIEW 2. Staff development design – Motorola University example | 02:59
- VIEW 3. Staff development design essentials | 08:49
- VIEW 4. Re-alignment of resources may be needed to achieve goals | 01:47

- VIEW 5. Technology integration concerns of principals and teachers | 05:11
- VIEW 6. Information literacy workshop suggestions | 07:05
- VIEW 7. Observations to make while students are using a new technology | 02:18
- VIEW 8. The importance of critical thinking | 04:01


Assessment:
Teaching the Technology is Not the Goal

Module 4: Teaching and Learning in the New Digital World

This topic is:
 27% Complete

Topic A:
New Ways to Teach Enduring Content | 52 min | Hide Content

- VIEW 1. Ian Jukes discusses constant change in the 21st Century | 03:54
- VIEW 2. The importance of being an “educational futurist” | 03:00
- VIEW 3. Consider what learning will be like one generation out | 01:57
- VIEW 4. The information and technology revolution | 04:02
- VIEW 5. Going beyond memorization and linear thought | 04:12
- VIEW 6. 21st Century skills and continuous learning | 04:32
- VIEW 7. The 3 R's and the 3 T's | 07:34
- VIEW 8. Challenge the way we've always done it (TTWWADI) | 04:30
- VIEW 9. Critical communication and applied reasoning skills | 06:08
- VIEW 10. The need for a changed and integrated curriculum | 03:21
- VIEW 11. The “committed sardine” makes change | 08:51


This topic is:
 17% Complete

Topic B:
The Last Generation of Internet Immigrants | 34 min | Hide Content

- VIEW 1. An Introduction to David Warlick — “a technology immigrant” | 01:19
- VIEW 2. Students are different today | 03:36
- VIEW 3. Our students' futures are different and unpredictable | 07:08
- VIEW 4. The 3 T's — Tools | 14:37
- VIEW 5. The 3 T's — Teleconnection | 03:53
- VIEW 6. The 3 T's — Time | 02:56

Assessment:
Teaching and Learning in the New Digital World

Module 5: 21st Century Learning Strategies – Classroom Examples

This topic is:
 20% Complete

Topic A:
A Lesson in Research, Information Fluency and The Black Plague | 27 min | Hide Content

- VIEW 1. Introduction to the 21st Century Classroom | 00:58
- VIEW 2. Introducing the lesson through class discussion | 07:42
- VIEW 3. Making connections to modern times | 05:16
- VIEW 4. Foreshadowing the project | 06:32
- VIEW 5. Allowing the students to make connections | 06:54

This topic is:



20% Complete

Topic B:

A Lesson in Collaboration, Communication and STEAM Art Robots |22 min | Hide Content

- VIEW 1. Introduction to the skills needed | 01:50
- VIEW 2. Building research and fluency skills | 05:36
- VIEW 3. Emphasizing the importance of positive group communications | 03:21
- VIEW 4. Guiding a struggling group to communicate and collaborate more effectively | 07:10
- VIEW 5. Wrapping up the lesson and demonstrating the robots | 04:18