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

1. Introduction to "21st Century Schools: How Digital Innovation is Transforming Teaching" | 03:51
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

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

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

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

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

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

1. Introduction to the 21st Century Classroom | 00:58
2. Introducing the lesson through class discussion | 07:42
3. Making connections to modern times | 05:16
4. Foreshadowing the project | 06:32
5. Allowing the students to make connections | 06:54
Topic B:
A Lesson in Collaboration, Communication and STEAM Art Robots | 22 min | Hide Content

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