

The Literacy and Numeracy Secretariat Webcast Professional Learning Series

Viewer's Guide

Today's Learner for Tomorrow's World

Multi-media resource for professional learning



Curriculum Services Canada | Service des programmes d'études Canada

reach every student


 Ontario

On this DVD you will find ...

On this DVD-ROM you will find the webcast and related resources for *Today's Learner for Tomorrow's World*. You can view the webcast either in its entirety or in segments by making your selection from the opening menu. You can also access the webcast video and print files by opening the Print and Video Resources folder. See the Technical Instructions at the end of this Viewer's Guide for more detailed information on how to download the print and video files, as additional resources for your professional development.

The DVD is formatted to play from your computer's DVD drive. It will not play in the computer's CD-ROM drive or in a regular DVD player.

On this DVD you will find:

- Today's Learner for Tomorrow's World
 - Featured Webcast: Play All
 - Webcast Segments: Selection
 - Additional Viewing Options: Selection
- Print and Video Resources
 - Viewer's Guide (PDF)
 - PMI Chart (PDF)
 - *Confronting the Challenges of Participatory Culture: Media Education for the 21st Century* (PDF)
 - *Digital immersion is changing how kids think and learn* (PDF)
 -  *Character Development in Action, K to 12* (PDF)
 - Basic Video Editing with Movie Maker (PDF)
 - Today's Learner for Tomorrow's World Video Files (WMV)

For additional copies of this DVD, please contact ServiceOntario at 416-326-5300 or toll-free at 1-800-668-9938. The webcast and related resources for *Today's Learner for Tomorrow's World* are also accessible online at <http://www.curriculum.org/secretariat/september30TL.shtml>.

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Overview

This is an exciting and challenging time to be involved in the teaching profession. We live in a time of globalization and rapid technological development. How do we help students gain the critical, analytical and social skills necessary to be successful in the future they will inherit?

In this webcast, four international experts will share their views about how best to prepare students for the future. We will also visit several classrooms and explore a variety of innovative approaches to helping students become literate, global-minded citizens adept at using both technology and the arts to communicate.

Prior to viewing, you may wish to consider the following questions to promote ~~and~~ professional dialogue:

- How do educators create the conditions that foster lifelong learning?
- How do we prepare students for an uncertain future?
- How do we prepare students for careers that may not yet exist?
- How do we engage all students, including the “Google generation”?
- Technology has changed the way our students learn and communicate. How can we build positively on these changes in the classroom?

Featured Webcast

PMI Chart		
Pluses	Minuses	Intersecting Minus

The following suggestions are intended to stimulate thinking, professional dialogue and action with a focus on improving achievement for all students.

As you watch each of the *Today's Learner for Tomorrow's World* segments, record your thoughts on the use of, and challenges to, integrating technology into the classroom. You may wish to use a PMI chart to organize your thinking. (You will find a ready-to-use PMI chart in the Print and Video Resources folder.)

Webcast Segments

Educational Challenges

Synopsis:

In this segment, four international experts – Chris Dede (Harvard University), Michael Furdyk (TakingITGlobal.Org), George Siemens (University of Manitoba) and Bill Muirhead (University of Ontario Institute of Technology) – share their views about the educational challenges facing the 21st century learning community.

(Length: 4.5 minutes)

To deepen understanding:

- What does it mean to be literate in a society where technology is playing a very significant role in how we communicate, work and learn?
- The economy and workplace are changing rapidly as we move toward a global, knowledge-based society. How do we begin to prepare students for jobs that are also changing very rapidly, some of which do not yet even exist?

Building Global-mindedness

Synopsis:

This webcast segment demonstrates the benefits of integrating technology and digital literacies into the classroom to enhance student learning. It also demonstrates how students can learn to collaborate and to respect one another's opinions and still have a strong, individual voice. Using technology, today's learners have the potential to expand their learning beyond the classroom and to interact with a global audience, developing both a wide sense of civic responsibility and an understanding of the power of language and communication. Character development is as important for today's learners as is their mastery of digital literacies.

(Length: 24 minutes)

To deepen understanding:

- Literacy workstations provide an effective approach to differentiating instruction. At each of the workstations in Pamela Crawford's Grade 6 class, she provides a variety of "entry points" for each outcome, including graphic organizers and assistive devices to ensure that each student is successful.

Think about the needs of your students. How do you implement differentiated instruction in your classroom? How do you organize your classroom so that students stay on task while participating in guided reading sessions?

- Pamela says, “In short, today’s learner is tomorrow’s global citizen. In fact, in many cases, we see today’s students are being given opportunities to already view themselves as positive global citizens!”

Think about the students that you teach and your short- and long-term plans. What themes – for example, in the Science or Social Studies/History and Geography curriculum – might lend themselves to extending student learning beyond the walls of the classroom? How can you use technology to bring the global community into the classroom? How can you introduce students to multiple perspectives on the issues you study? How will you teach students to seek another perspective and ask deep questions during their inquiry?

- “Today’s learner and teachers are faced with no defined answers as to what exact skills will be needed in the 21st century.”

How can you make daily learning relevant for students? Essential skills, including reading media texts of all types, lifelong learning, respect for others, and collaborative learning and writing are foundational skills for allowing people to be able to adapt to change. How are the essential skills being integrated into your classroom practice?

Technology

Synopsis:

Technology is a means to an end. Michael Furdyk and Chris Dede offer insights into how to leverage technology to enhance practice.

(Length: 2 minutes)

To deepen understanding:

- The “Google generation” are eager users of technology. They embrace it with little hesitation.

How can you leverage ~~that interest~~ in your classroom for learning? What are the necessary conditions for your success as you strive to use contemporary teaching strategies and integrate technology into your classroom practice?

Fostering Independent Learning

Synopsis:

This webcast segment explores how to foster the independent learning skills and the purposeful use of technology necessary for students to thrive in the future. The webcast also examines what teachers need to do to support optimal student learning and what effective learning environments look like.

(Length: 9 minutes)

To deepen understanding:

- In this segment, a student talks about the classroom routines in place, such as the wall-mounted pocket sign that students use to select the literacy workstations they will work at throughout the day. This student explains how this planning board has helped him as a learner. Grade 2/3 teacher Angie Harrison says that classroom management issues decrease because students have chosen how to spend their time. Life skills such as self-monitoring and time management are developed through these types of classroom practices.

In what ways have you used classroom routines to foster student independence?

- Also in this segment, we see students meeting in small groups for focused guided lessons. This approach gives students frequent opportunities for student-teacher conferences, providing them with regular feedback and next steps for improvement. This strategy models how learning is ongoing and ensures that there are no surprises for students when it comes to assessment and evaluation.

What strategies do you use in your classroom to help students develop self-assessment skills?

- When using technologies such as Smart Boards in the classroom, it is important to model how the technology works, but also how to select the right tool for the right use at the right time.

What strategies do you use in the classroom to help students understand what it means to be a responsible consumer and user of electronic information and tools?

- How do you foster an environment that allows student experts to lead and share knowledge and skills with their peers?

- What are your thoughts on the kinds of literacies, knowledge, skills and attitudes that are required to prepare students for success? How will the insights you have gained from this segment change your practice?

Teacher Impact

Synopsis:

Innovation, entrepreneurship and creativity are keys to success in our technological, global society. A teacher can play an enormous role in encouraging young people to try something new, to follow a dream and to be unafraid of failure. Never lose sight of the importance of your role as a teacher in students' lives.

(Length: 1 minute)

To deepen understanding:

- What are your “big picture” goals for your students? For example: “Students in my class will learn to communicate their ideas effectively using a variety of media.”

Power of Music

Synopsis:

This webcast segment demonstrates how effective integration of the arts exposes students to new ways of thinking critically and creatively. By developing higher-order thinking skills through drama, music and dance ~~in class~~, students learn that there are many ways to communicate effectively.

(Length: 16 minutes)

To deepen understanding:

- In this segment, students review a variety of music pieces to determine what makes them effective. Students apply their new learning by creating a piece of music to inform people of the issues that ~~were~~ important to them.

What authentic arts experiences would you use with your students to explore effective ways of communicating?

Character Development

Synopsis:

The final webcast segment is about the value of learners connecting beyond their classrooms and communities to expand their understanding of diverse perspectives. Today's learners are developing character through inquiry and critical thinking. They are learning about the impact of human action on the world through their connections and interactions with others, both local and global.

To deepen understanding:

Think about the students you teach.

- What attributes or human qualities, ~~such as respect and empathy~~, do you help students ~~to~~ develop as they use technology to interact with others?
- How might you encourage your students to identify shared values during their interactions both with one another and with other broader communities?
- When faced with contradictory values, how do you create the conditions for dialogue that will engage your students in deepening their understanding of their own values? How can this be done while maintaining respect for the viewpoints and perspectives of others?
- What questions might you ask of your students when they are discussing how the character of those involved in decision making translates into human actions that have local and global impacts?



Revisiting the Featured Webcast

- What support is required at the school, district and provincial level to ensure that our learners are well prepared for the 21st century?
- How do students' uses of technology (e.g., web-based research) impact on your assessment practices?
- What key messages in this webcast resonate with your experience? How are you going to share these ideas with your colleagues in order to improve student achievement?

Technical Instructions

To access the **Print and Video Resources folder in Windows**, insert the DVD into the DVD drive of your computer:

1. Click on the Start menu.
2. Select My Computer.
3. Right-click the mouse on the DVD icon titled “TLTW” to open a drop-down options list.
4. From the drop-down list, select and click on the Open option.
5. Double-click on the folder titled Print and Video Resources to access the files. Ignore the folders titled Audio_TS and Video_TS.
6. Select the resources you wish to use directly from this folder, **OR** Copy onto the desktop and open files from the desktop.

Alternatively, when the DVD is inserted and the options box opens:

1. Select the option Open Folder to View Files.
2. Click on the Print and Video Resources folder.
3. Select the files you wish to use directly from this folder, **OR** Copy the files onto the Desktop and open them from the Desktop.

To access the **Print and Video Resources folder in Mac OS X**, insert the DVD into the DVD drive of your computer:

1. Exit from the DVD player (this typically opens automatically when a DVD is inserted in the drive).
2. Select the DVD icon titled “TLTW.”
3. Select the files you wish to use directly from this folder, **OR** Copy the files onto the Desktop and open them from the Desktop.



How to Save the Video Files to Your Computer

The video files can all be copied and saved to your computer using either of the following methods for copying and pasting files.

Method 1

1. Right-click on the file and choose the Copy option.
2. Right-click within any computer folder in which you would like to save the file, and choose Paste.

Method 2

1. Click the mouse on the file you want to save, so that the file is highlighted.
2. Simultaneously press the Ctrl and C keys (for Macintosh users, the Command and C keys) to copy the file.
3. Left-click within any computer folder in which you would like to save the file, and simultaneously press the Ctrl and V keys (for Macintosh users, the Command and V keys) to paste the file there.
 - For Macintosh users, the Command key is the one with the following symbols:  

NOTE:

You must save the video files that you are intending to insert into a PowerPoint presentation in the folder containing the PowerPoint file. If you save a PowerPoint presentation to another location (e.g., a memory stick, CD, etc.), you must also save the video in the same location in order for the video to play. This means that if you transfer the presentation to another computer, you must transfer the video files with it. Otherwise, the video will not link to the PowerPoint presentation.

How to Insert Video Clips (WMV files) into a PowerPoint Presentation

On this DVD you will find WMV versions of all segments of the webcast.

To insert a clip into a PowerPoint presentation, follow the directions below:

1. Open PowerPoint.
2. Create a new PowerPoint presentation **OR** open an existing PowerPoint presentation, and within it, open the slide on which you would like to add the video.
3. Insert the DVD into the DVD drive of your computer.
4. If a new window opens asking how you would like to view the files on the disk, choose the option Open Folder to View Files; **OR**

If a new window does not open, open the My Computer window from the Start menu. In the My Computer window, double-click on the icon shaped like a disk, which will likely be labelled D: or E:.

5. Save the video segment that you want to insert in a PowerPoint into the same folder in which the PowerPoint presentation is saved on your computer.

NOTE: Video files that have been saved to your computer can be cropped and edited into smaller segments using Movie Maker (free on PCs) or iMovie (free on Macintosh).

6. Open the PowerPoint slide on which you would like to insert the video, and click on the Insert menu in the PowerPoint menu bar.
7. From the Insert menu, select Movies and Sounds, and click on the option Movie from File.
8. A window opens, prompting you to find the video file that you would like to add.
9. Find and select the video file that you saved earlier in step 5.
10. Once you have chosen the video file you need, another window opens and asks if you want your movie either to play automatically when you enter the slide or to play only when it is clicked. Choose your preference.

You will notice that the starting image of your movie is not displayed on the slide.



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