

Enhancing Teaching with Technology

In this digital age, teachers and students alike are integrating mobile devices and other technology into their teaching and learning strategies. This course is designed for the classroom teacher who is looking for an introduction to the technology available to enhance teaching. First, you'll learn how social media can help you improve your practice and create a personal learning network (PLN). Then you'll discover collaboration tools you can use for planning or delivering lessons. Next, learn about mobile apps that engage students with learning and digital storytelling tools that allow them to show what they've learned. Finally, you'll discover ways to teach students about digital literacy and citizenship.

Objectives

Module 1

- Evaluate best practices for using social media to promote improvement in teacher practice.
- Analyze how to use resources (people) online to tailor instruction.
- Use social media to find relevant new connections, conversations, and resources.

Module 2

- Analyze the correlation between reflection and improvement in teacher practice.
- Formalize a plan to use technological tools to aid reflection of your current practice on a regular basis.
- Examine educators' blogs for signs of reflection.

Module 3

- Analyze methods for using technological tools to improve collaboration, both qualitatively and for ease of use.
- Evaluate collaboration tools and techniques to determine the best use cases for teachers and students.
- Use collaboration software with your students.

Module 4

- Examine methods for letting students use technology to interact with each other, the teacher, and the lesson.
- Understand how to use technology tools to augment lesson activities specifically for increasing engagement and interaction.

Module 5

- Judge the effectiveness of demonstrating mastery through varied media (text, pictures, movies, music, etc.).
- Analyze the strengths and weakness of various media in terms of communicating information thoroughly and effectively.
- Create a digital story to use as a model or as part of a lesson.

Module 6

- Infer whether specific information online is most likely true or false based on a number of factors, including but not limited to: writer authority, bias, relevance, timeliness, support, and linguistic style.
- Apply proper digital literacy techniques when doing professional research and when teaching students to conduct research.

Syllabus

<p>Module 1</p>	<p>Professional Growth</p> <ul style="list-style-type: none"> • Module Welcome • Video 1: Why Twitter? • Reading 1: Using Social Media for Professional Growth • Reading 2: <i>Educational Leadership</i>—Create Your PLN: 6 Easy Steps • Video 2: How to Start Using Feedly • Knowledge Check • Application 1: Building a PLN • Application 2: Meaningful Conversations and Learning Experiences • Post-Module Reflection
<p>Module 2</p>	<p>Promoting Reflection</p> <ul style="list-style-type: none"> • Module Welcome • Reading 1: <i>Educational Leadership</i>—Reflection Is at the Heart of Practice • Video 1: Blogging • Reading 2: Blogging for Reflection • Video 2: What Is Reflective Learning? • Knowledge Check • Application 1: Finding and Aggregating Blogs • Application 2: Start Your Own Blog • Post-Module Reflection
<p>Module 3</p>	<p>Collaboration Basics</p> <ul style="list-style-type: none"> • Module Welcome • Reading 1: Collaboration for Teachers and Students • Video 1: Collaborative Editing • Online Reading 2: Edublogging: Instruction for the Digital Age Learner • Video 2: Using Social Media in the Classroom • Knowledge Check • Application 1: Lesson Planning with Google Docs • Application 2: Students Collaborating • Post-Module Reflection

<p>Module 4:</p>	<p>Increasing Interactivity to Engage Students</p> <ul style="list-style-type: none"> • Module Welcome • Reading 1: Increasing Interactivity to Engage Students • Video: Nearpod at Seven Springs Middle School • Reading 2: <i>Educational Leadership</i>—Giving Every Student a Voice • Knowledge Check • Application 1: Use Technology to Formatively Assess Learning • Application 2: Engaging Students with an LMS • Post-Module Reflection
<p>Module 5</p>	<p>Digital Storytelling</p> <ul style="list-style-type: none"> • Module Welcome • Reading 1: Digital Storytelling and the Tools that Make Them • Video 1: Trigonometry Love Triangle • Online Reading 2: Capturing Stories, Capturing Lives: An Introduction to Digital Storytelling • Video 2: Digital Storytelling in the Elementary Classroom • Knowledge Check • Application 1: Generate a Digital Story to Deliver Content • Application 2: Have Students Generate a Digital Story • Post-Module Reflection
<p>Module 6</p>	<p>Digital Literacy</p> <ul style="list-style-type: none"> • Module Welcome • Reading 1: Rules for Digital Citizenship • Online Reading 2: Helping Students Become Better Online Researchers • Video: Getting the Most Out of Google Search • Reading 3: <i>Educational Leadership</i>—Research Untethered • Knowledge Check • Application 1: Practice Digital Citizenship • Application 2: Practice Digital Citizenship with Students • Post-Module Reflection

References

- Common Sense Media (2014). Copyright and Fair Use Animation. Retrieved on October 12, 2015, from <https://www.commonsensemedia.org/videos/copyright-and-fair-use-animation>
- Dewey, J. (1910). *How we think*. Lexington, MA: D. C. Heath & Co. Retrieved on August 27, 2015, from https://books.google.com/books/about/How_We_Think.html?id=WF0AAAAAMAAJ
- Di Stefano, G., Gino, F., Pisano, G. P., & Staats, B. R. (2015). Learning by thinking: Overcoming the bias for action through reflection. Harvard Business School Working Paper Series 2015. Retrieved March 29, 2015, from <http://www.hbs.edu/faculty/Pages/item.aspx?num=47062>
- Friends of Active Copyright Education. (2003). What is Copyright? Retrieved on October 12, 2015, from <http://www.copyrightkids.org/whatcopyframes.htm>
- Hall, P. & Simeral, A. (2015). *Teach, reflect, learn: Building your capacity for success in the classroom*. Alexandria, VA: ASCD. Copyright 2015 by ASCD.
- McCormick, D. (2014, July 14). Cell phones slowing down service in restaurants. *Daily Mail*. Retrieved on August 27, 2015, from <http://www.dailymail.co.uk/news/article-2690490/Service-time-restaurants-doubled-past-ten-years-customers-cell-phones-blame-claims-busy-NYC-restaurant.html>
- Stevens, Katrina (2014, April 30). Twitter exec reports that educators dominate the twitter-sphere. edSurge. Retrieved from <https://www.edsurge.com/news/2014-04-30-twitter-exec-reports-that-educators-dominate-the-twitter-sphere>