

SCRIPT-NC Webinar

**Not Just Cool Apps and Games:
Using Instructional Technology to Improve Teaching and Learning**

Tech Tools

TOOL / Description	Pros	Cons
<p>Polleverywhere https://www.polleverywhere.com</p> <p>Create and display questions including Q&A and multiple choice polls. Questions can be presented directly from the web or embedded in a PowerPoint or LMS. Audience responses are displayed in real-time. Great for classroom participation, or gathering opinions from the class.</p>	<ul style="list-style-type: none"> ☺ Free (for up to 40 participants in any one poll) ☺ Easy to use ☺ More than just multiple choice polls – e.g., word cloud, brainstorming, clickable image, etc. ☺ Can embed within LMS ☺ Different options (web, mobile, Twitter) to respond to questions ☺ Different options to present the poll depending on whether you are using it in a seated class or in an online class / out of class assignment 	<p>Based on the free account limitations:</p> <ul style="list-style-type: none"> ⊖ Only 40 responses are captured per poll ⊖ No learner data tracking ⊖ Some of the more innovative polls (e.g., Word clouds, ranking, clickable image) can only be submitted via the web.
<p>FlipQuiz http://flipquiz.me</p> <p>Create your own gameshow-style boards to review what you have covered in class.</p>	<ul style="list-style-type: none"> ☺ Free ☺ Easy to use ☺ Encourage collaborative learning ☺ Fun way to review content that you have covered together as a class ☺ You can also set it up so that learners can use it as a self-guided activity where they can check their own answers (if you do not have an LMS) 	<ul style="list-style-type: none"> ⊖ No learner data tracking (if you want to use it as a self-guided activity) ⊖ Someone has to keep score which team is winning!
<p>QR Code Generator http://www.qr-code-generator.com/</p>	<ul style="list-style-type: none"> ☺ Free ☺ Easy to use 	<ul style="list-style-type: none"> ⊖ Learners need a cell phone with data plan

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<p>http://www.qrstuff.com</p> <p>Most people use QR codes for marketing purposes or for getting shopping coupons. Why not use it to engage students in a scavenger hunt?</p>	<p>☺ Quick way to get to web pages to retrieve information</p>	<p>☹ Learners need to download QR code reader on their mobile phone beforehand</p>
<p>Tinyurl</p> <p>http://tinyurl.com</p> <p>We've all been there...long URLs that take 5 minutes to type out.</p>	<p>☺ Free</p> <p>☺ Easy to use</p> <p>☺ Great for face-to-face classes where you have long URLs to share with learners which can often result in typing errors</p> <p>☺ Best use for URLs that you will use only once (e.g., online surveys)</p>	<p>☹ Learners might miss out on where the resources are actually located</p>
<p>Edpuzzle</p> <p>https://edpuzzle.com</p> <p>Crop a video, explain it with your own voice and embed quizzes within videos.</p>	<p>☺ Free</p> <p>☺ Easy to use</p> <p>☺ Students can check their knowledge or get some guidance on what to observe while watching a video</p> <p>☺ Upload your own video or use existing videos from Youtube, Ted talks, etc.</p> <p>☺ Can embed within LMS (if you do not need to track learner data)</p> <p>☺ No need to reinvent the wheel: Copy, use, adapt video lessons that have already been created by others</p>	<p>☹ To track learner data, students will have to register with the Edpuzzle site and enter an assigned code for each video lesson</p> <p>☹ No partial voiceovers – you must either record an audio track for the entire video or none at all</p>

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<p>Pinterest https://www.pinterest.com</p> <p>When you have resources, you can pin it and share it. Great way to organize resources.</p>	<ul style="list-style-type: none"> ☺ Free ☺ Easy to use ☺ Great organizing tool that learners can use to compile resources from all over the internet for their professional toolkit ☺ Learners can also create their own resources (e.g., photo, video etc.) ☺ Easy to share resources with others 	<ul style="list-style-type: none"> ☹ Like everything else, 3rd party resources can come and go. You might pin a resource one day and it's gone the next.
<p>Canva https://www.canva.com</p> <p>You don't have to be a designer to produce professional looking newsletters, presentations, blogs, brochures, etc.</p>	<ul style="list-style-type: none"> ☺ Free ☺ Easy to use ☺ A large selection of free templates that can help provide a professional look and free for everything from brochures to newsletters. ☺ Exports easily into PDF format ☺ Easy to share your work with others 	<ul style="list-style-type: none"> ☹ Not all images or templates are free, so look for the \$ sign next to the materials ☹ There isn't an easy way to import / export Canva presentation slides into Powerpoint ☹ There is a 30-slide limit for presentations.
<p>Pathbrite https://pathbrite.com</p> <p>E-portfolio tool</p>	<ul style="list-style-type: none"> ☺ Free ☺ Easy to use ☺ Great organizing tool to compile documents of different formats (e.g., video, photo, text, etc.) ☺ For learners, this is a great way for them to present and share their professional portfolios to showcase their work and skills ☺ Learners and teachers can also organize and share a child's portfolio including video 	<p>I haven't encountered anything just yet but just remember to ensure that child's portfolios are always set to private.</p>

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	<p>clips, photos, notes, and other documentation</p> <p>☺ Portfolios can be set to public or private</p> <p>☺ You can share / email a specific portfolio to designated people (e.g., parents) and they do not require a login to view the portfolio</p>	
<p>Screencast-o-matic http://screencast-o-matic.com/home</p> <p>This tool allows you to create an audio recording as you review a document / resource on your computer screen</p>	<p>☺ Free</p> <p>☺ Easy to use</p> <p>☺ If you teach fully online and have students from all over, it might be hard to stay connected with them as you do not get office hours with them</p> <p>☺ Great way for an instructor to provide alternative feedback (to solely written) by talking through the feedback you might have on learners' papers</p> <p>☺ On the flipside, you can also have students provide peer feedback using this tool</p>	<p>☹ May take a few tries before you get comfortable with talking as you move around your computer screen</p>

Some promising tools to help in practica / field placements

Free:

Evernote: notes from classroom observation and can include real-time pictures and video from that observation.

Smartphone video function: students can submit video footages of their teaching / classroom

<https://evernote.com/>

Low cost: Bug in the ear – under \$20 / Bluetooth earpiece – use in conjunction with Facetime or Periscope 'live' streaming for optimal coaching and immediate feedback

High cost:

Swivl (about \$375) – It can track person as they move in the classroom. All you need is a tablet or smart phone with a video / facetime / live streaming function <http://www.swivl.com/>

Ready-to-Go Resources

Simulations

1. SCRIPT-NC Simulation

A year ago, we developed a prototype of a simulation exercise on working with a child with challenging behavior:

<http://tinyurl.com/scriptncsimulate>

2. Head Start Family, Community Engagement Simulations

A series of complex simulation exercises on working with families.

https://eclkc.ohs.acf.hhs.gov/hslc/tta-system/family/pfce_simulation

3. Coming Soon: DEC Recommended Practices Modules

Modules focused on the Division of Early Childhood Recommended Practices that include self-guided lessons with quizzes, simulation exercises, and instructor support resources.

<http://rpm.fpg.unc.edu/>

4. Misunderstood Minds

Experience what children with disabilities may be experiencing.

<http://www.pbs.org/wgbh/misunderstoodminds/>

An example of an assignment / activity using this resource was shared by our colleague, Jen Benoit from Vance Granville Community College:

<http://scriptnc.fpg.unc.edu/sites/scriptnc.fpg.unc.edu/files/resources/Resources%20and%20Activities%20in%20My%20Toolbox%20handout%282%29.pdf>

Real Life Dilemmas / Virtual Classroom

1. CONNECT Modules

Seven multimedia modules focused on early childhood inclusion with real life dilemmas, video demonstrations of practices, activities, audio clips and handouts, and instructor support resources. Topic areas include embedded interventions, program transition, communication, family-professional partnerships, dialogic reading, tiered instruction, and assistive technology.

<http://community.fpg.unc.edu>

2. CONNECT Courses

Eight multimedia self-guided and self-paced courses based on CONNECT Module resources and framework. Free Foundations of Inclusion course can be used as an assignment for students to learn about the basics (overview of laws, rights, and research) of early childhood inclusion.

<http://connect.fpg.unc.edu/connect-courses/courses>

3. Bridging Worlds Interactive Cases: Transition to Kindergarten

The Bridging Worlds Interactive Case focuses on the transition to kindergarten. Learners can reflect on the cases by typing their responses and are provided with possible best responses immediately afterwards. They can also click on expert commentaries on the case at the end of the exercise. Unfortunately, learners wouldn't be able to save their responses so that they can better track what they have written / take their responses back to class to discuss with their instructor. One solution would be to ask learners to have a Word document open so that they can copy and paste their responses as they go.

<http://www.hfrp.org/family-involvement/professional-development/bridging-worlds-interactive-case-family-engagement-in-the-transition-to-kindergarten>

4. Early Head Start I Am Moving, I Am Learning Tool

The I Am Moving, I Am Learning (IMIL) tool enables learners to be situated in a virtual classroom / setting and click on ideas for integrating movement, nutrition, and healthy habits into everyday life. It is available in two formats: one for staff that visit families in the home and parents, and one for classroom teachers and other caregivers.

<https://eclkc.ohs.acf.hhs.gov/hslc/tta-system/health/healthy-active-living/imil/interactive>

Note: Don't forget that the SCRIPT-NC website has loads of resources (mostly free) that you can embed into your courses and professional development opportunities. There are also ideas and strategies for assignments, how to embed DEC Recommended Practices, formative assessment and state early learning guidelines.

<http://scriptnc.fpg.unc.edu>

Specific to the topic of Ed Tech, you may access resources related to the topic from our 2015 webinar:

<http://scriptnc.fpg.unc.edu/educational-technology>

Webinar Evaluation and Certificate of Completion



<http://tinyurl.com/scriptntech>

Appendix 1: QR code / TinyURL Seated Activity Examples

- 1) Divide learners into teams of 3-4. Provide learners with QR codes / tinyURL of web content and activity sheets that contain a case study to respond to, problems to solve or tasks to complete based on the content from the different web sites. Each team could be provided a different set of resources / activity sheet so that when they share back with the large group, everyone can benefit from learning what other teams have learned (Activity adapted from Barbara Wolfe, 2011).

- 2) Scavenger Hunt: Have learners work in pairs. Provide learners with QR codes and questions related to content on each of the QR code sites. Then have teams summarize recommendations / findings based on all the information they discovered. Once all team members have agreed they have completed the task, the instructor is called over. In order to ensure individual accountability, have each individual learner complete a quiz or you might have them write 2-3 goals for a case study child based on what they have learned (Activity adapted from Barbara Wolfe, 2011)