

iPads @ TPL Idea File: Making Program Connections

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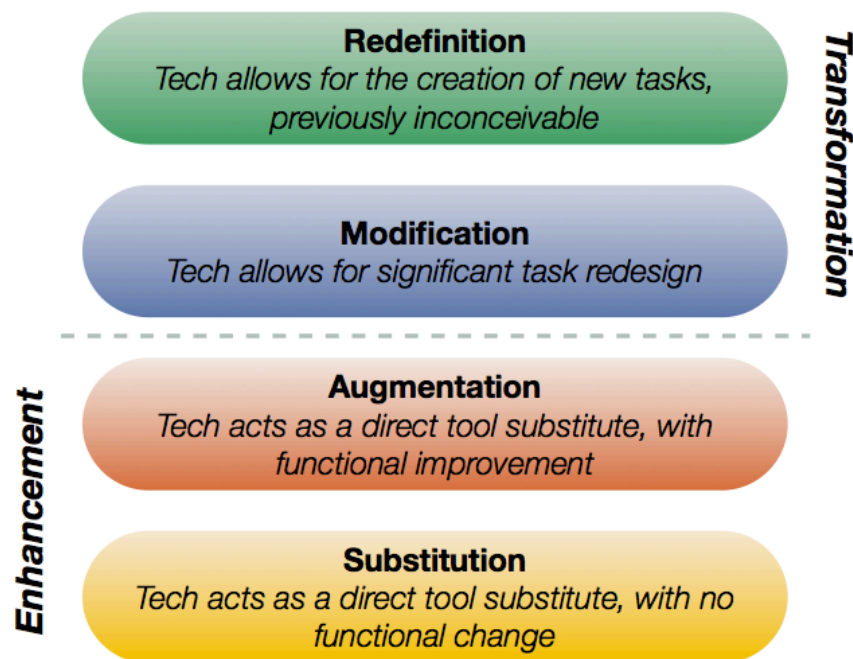
iPads @ TPL Idea File: Making Program Connections

Here are some suggestions about how iPads can be used to enhance, or indeed transform learning to engage children.

Can you make connections to TPL programs for children in the middle years?

Remember SAMR

The SAMR model, developed by Ruben Puentedura, provides a useful filter for thinking about technology tasks. An example of a substitution task with the iPad would be using “drill and kill” apps for reading or math skills. The device becomes a substitute worksheet, which in itself is a very low level learning task.



SAMR Model by Ruben Puentedura. 

More powerful use of the iPad takes advantage of its potential as a creative device, leveraging its unique features like mobility, wireless access to the Internet, apps that access the camera and the photo and video library, and apps that provide open-ended creative tools and that facilitate sharing.

The iPad can be useful to **enhance** learning. Using the device to access the Internet and search the catalogue reduces dependence on desktop computers, for example, and enables searchers to simultaneously browse the shelves for their reading choices.

To realize the potential of the iPad to **transform** tasks into something new and powerful, let's explore the possibilities, and make connections to TPL's priorities and programs.

Joy of Reading: Making Reading Fun

iPad Ideas	TPL Middle Childhood Program Connections
Use the iPad to access online resources for readers, like TPL's TumbleBook Library collection.	
Have young readers create a QR Code with their own review of a favourite book. Make a book display that includes the QR codes. Variations: Put reviews online and create QR codes to the webpage, to the author's website or to relevant TPL resources.	
Make video book reviews using an iMovie template, or audio reviews in GarageBand. Variations: Let students choose other apps for expressing their ideas about books.	
Connect reading and writing through graphic novels. Children can create their own stories using Comic Life.	
Create book trailers using the trailer templates in iMovie. Publish the trailers online.	
More Ideas?	

Literacy and Learning: Self-Directed, Interest-Driven










iPad Ideas	TPL Middle Childhood Program Connections
Take advantage of the mobility of the iPad for access to the Internet, online collections, databases, the catalogue, etc..	
Use apps like Notability to document ideas, annotate PDF documents, etc., in the course of inquiry and research.	
Use a mind-mapping / graphic organizer app like Popplet Lite to generate and organize ideas.	
Use apps that integrate photos, video, drawing, painting, etc., to document learning or to communicate learning. Some possibilities: Puppet Edu, 30 Hands, Pixie Lite, Explain Everything. Encourage children to pick the tool that they think best matches their needs.	
Explore the world with Google Earth.	
More Ideas?	

Fun and Play: Creativity and Innovation

iPad Ideas	TPL Middle Childhood Program Connections
Use Sock Puppets to record Knock Knock jokes or other short exchanges.	
Create stop motion animation videos using NFB StopMo. Maker Space Connection: Lego works extremely well for creating stop motion.	
Use drawing tools for creative expression. Tools range from the simplicity of Doodle Buddy, to Drawing Pad, and on to Pixie Lite.	
Create music and podcasts with GarageBand. How about a TPL kid podcast series, where kids create the feature stories and interviews.	
Write, shoot and edit an original video with iMovie.	
More Ideas?	

iPad Apps: Suggestions for TPL

	30 Hands	An app for creating simple slide show videos.
	C++ Compass	Digital compass with easy to use features and five built-in themes.
	Camera	This is the built-in camera for the iPad. Most creative apps require access to the camera.
	Comic Life	Everything you need for creating and sharing comics. Includes templates.
	Doodle Buddy	A simple app for drawing, painting and sketching.
	Drawing Pad	A simple app for drawing and creating, with a host of tools.
	Dropbox	Lets you store and transfer files, including photos, videos and other documents. You must create an account.
	Explain Everything	A digital whiteboard that includes drawing and typing tools, and allows you to import and use photos and videos and record narration.
	GarageBand	GarageBand turns the iPad into a sophisticated recording studio, with “smart” instruments, a loop library, and live recording. Create music recordings and podcasts.
	Google	The Google app provides access to “all things Google”, including text and image search.
	Google Earth	Allows you to fly around the planet with a swipe of a finger. Search for cities, places, historical sites and more. Browse layers including roads, borders, places, and photos.
	iMovie	A simple yet powerful video editing tool. Use pictures and video captured on the iPad to create movies, or to create very slick trailers using the built-in templates.
	Music	Music provides access to your iTunes library, including files created on the iPad with apps like GarageBand.

	NFB StopMo	NFB StopMo is a stop motion animation video app. Create a video using images captured with the iPad, and add music, titles and effects.
	Notability	Notability is a very powerful app for capturing ideas. It allows you to notate in handwriting, with typing, and with voice recording. Notability allows you to annotate PDF documents.
	Photos	This is the photo library for the iPad. Apps that use the camera or photos need access to Photos.
	Pixie Lite	Pixie Lite lets you create using original work using text, artwork, images, music and voice narration. Drawing and painting tools are more sophisticated than in most apps.
	Popplet Lite	Popplet Lite is a mindmapping app, useful for brainstorming and capturing and organizing ideas, with words and images.
	Puppet Edu	Create videos to tell stories and explain ideas. Includes an extensive idea file. Facilitates easy access to web-based image sources.
	Safari	Safari is the web browser for the iPad.
	Sock Puppets	Create 30-second videos featuring endearing sock puppets. Add props, scenery and backgrounds.
	QR Reader	QR Reader lets you read and create QR codes. Create codes to link to text, webpages, and more.

Content Management

One of the questions you will have to consider is how to get content off of the iPad, especially in a multi-user environment. It is important to remember that the iPad is not a mini desktop computer. It does not have a USB port to connect to printers or external drives.

The first question to ask is whether or not the content actually needs to be shared. For some activities where content may be more ephemeral, sharing between peers or connecting to a projector for showing to a group may be optimum.

When using shared devices, privacy can be a concern. Personal information, like photos or videos of children, should not be kept on the iPad.

For content that really needs a life beyond the iPad it was created on, there are several options. Many apps have built-in sharing options, including saving to Photos, and exporting to YouTube, Facebook,

etc.. Many of these options are intended for personal use and are account driven, which may not be appropriate for TPL.

The most useful and practical way to transfer content may be using the Dropbox option. Content can be uploaded to Dropbox for storage or sharing. Once content has been uploaded to Dropbox, it can be deleted from the iPad. Many iPad apps include an option to export directly to Dropbox.

Critical questions to consider about saving content:

- Does the content really need to be saved, or could it be viewed as part of the activity, and then deleted?
- What sharing options are available in the app? Be sure to explore the options before committing to a particular app, to make sure it is a good match for your intended purpose.
- Does the content include personal information, like photos or videos of children, or children's names? If so, consider exporting to Dropbox for saving and sharing purposes, and deleting content from the iPad. Encourage children to use first names only when creating content.

The Waterloo Region DSB iPad website has a great page on Content Management. While it is written for the school environment, it may be useful in helping guide your practice:

<https://sites.google.com/site/wrdsbipads/content-management>

More Resources

By the Brooks TPL iPad Webpage: <http://www.bythebrooks.ca/presentations/presentations-archive/tpl-ipads/> Password: tplipads

Brooks Kirkland, A. (2014). Models for Technology Integration in the Learning Commons. *School Libraries in Canada* 32(1). <http://clatoolbox.ca/casl/slicv32n1/321brookskirkland.html>

iPads 4 Learning ETFO Summer Institute website from master teachers Susan Watt and Trish Morgan: <http://ipads4learning.weebly.com/>

WRDSB iPad Website: <https://sites.google.com/site/wrdsbipads/>

OSAPAC (Ministry of Education). SAMR: Entry Points to Teaching with Technology: <https://osapac.ca/ccpalo/samr/>

Educational iPad Apps for Teachers: A resource from Educational Technology and Mobile Learning: http://www.educatorstechnology.com/p/blog-page_9.html

iPad Apps for School: A resource from Richard Byrne and Free Technology for Teachers: <http://ipadapps4school.com/>