SET BC Tier 1 Services
School District #33 (Chilliwack)
November 27, 2015
Housekeeping...

- REGISTRATION – Please sign in.
- PHOTO – Could I take photos of the workshop for my blog?
- Washrooms
- WiFi
- Agenda
- Handouts
- Technology – BYOD or from the district

About the Facilitator...

Name: Debby Kim
(SET BC Provincial Teacher – District Support Tier 1)

Email: dkim@setbc.org

AfterShare Space (Blog):
http://learningnetwork.setbc.org/dkim/

SET BC Website:
http://www.setbc.org/
SET BC Mandate

• SET-BC is a BC Ministry of Education Provincial Resource Program established to assist school districts in utilizing technology with students whose access to the curriculum is restricted. SET-BC provides school districts with three tiers of services:
  • **Tier 1:** Professional Development
  • **Tier 2:** Technology Training and Classroom-based Solutions
  • **Tier 3:** Complex Needs Training and Student-based Solutions

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Agenda

• My Goals
• How to select the app
• Tools and Strategies
  • Pre-Writing/Brainstorming
  • Word Prediction
  • Speech to Text
  • Text to Speech
  • Vocabulary Builder
  • Voice Recording & Lesson Creating
• Resources
• ARC-BC
• Wrap-Up
My Goals

• To learn how to effectively select a good iApp or web based tool that supports reading fluency and written output
• To explore web based tools and iPad applications that will help support struggling readers and writers
• To overview generic capabilities and features of these technologies
• To explore how to implement what is already in place to transform learning

What is Available in Your District?

• SET BC District Partner
  • Galen Soon (galen_soon@sd33.bc.ca)
• District Website – Technology
  • http://technology.sd33.bc.ca/
• Contact: Kirk Savage – Director of Instruction
• Email: kirk_savage@sd33.bc.ca
What is Available at SET BC?

- **PSAP** (https://www.setbc.org/psap/)
  - Provincial Software Acquisition Plan
  - To give British Columbia school districts the opportunity to join the SET-BC provincial site licenses for software titles designed to help students with special needs improve their literacy, numeracy, and communication skills
  - Preferential prices

- **SETconcierge** (https://www.setbc.org/setconcierge/)
  - Receive a package of suggested upcoming events, sessions, or web-based resources that meet your individual needs

- **Classroom Technology Projects** (https://www.setbc.org/classroom-technology-projects/)
  - Provincially coordinated and different from Tier 2 CBS supported through our standard service delivery model

Hands-On Activity: Try Sticky Notes

- On PC computer, click on Windows Start icon (lower left), and then select “Sticky Notes” from start up menu.
- On tablet, iPad or Smartphone, open a sticky note app such as “Notes”.
- Try taking notes on “take away” ideas from the workshop!
- If you prefer talking vs. typing, try VOICE MEMOS app to record your verbal idea thought.
Supporting Struggling Readers and Writers

• What technology supports do you think is needed to help students READ more independently?
• What technology supports do you think is needed to help students WRITE more independently?

• Go to www.govote.at
• Use the code 90 48 57

Windows Accessibility

• Control Panel > Ease of Access Center
• Available Accessibility Features:
  • Use the computer without a display
  • Make the computer easier to see
  • Use the computer without a mouse or keyboard
  • Make the mouse easier to use
  • Make the keyboard easier to use
  • Use text or visual alternatives for sounds
  • Make it easier to focus on tasks

http://www.microsoft.com/enable/products/windows7/
iOS Accessibility Features

- **Settings > General > Accessibility**
- Available Accessibility Features:
  - VoiceOver
  - Zoom
  - Speak Screen
  - Siri
  - Dictation
  - Font Adjustments
  - Invert Colors and Grayscale
  - Closed Captions
  - Assistive Touch
  - Switch Control
  - Predictive Text

http://www.apple.com/ca/accessibility/ios/

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Time to Explore!

- What accessibility features are available?
- How are you going to use the features to support struggling readers and writers?
- Make notes on your ideas.
Digital Literacy Tools Have Amazing Potential and Power...

- When matched to student and task
- When combined with instruction and support for use
- When used in mindful ways

Which One to Choose?

- Depends on what you would like students to produce
- Depends on your classroom
- Depends on your students
- Start with what is available in your district
- Read blog posts and reviews written by educators and students
Questions to Ask when Choosing Apps for the Classroom

- Ask yourself the following questions:
  - How easy is this app to use for less tech-savvy students and teachers?
  - Is the app free? This is crucial for multi-device or BYOD classrooms.
  - What are other educators saying about this app?
  - How are an array of classrooms using this app?
  - How often should the app be used?
  - Can the app be used out of the classroom? Is it designed to be easy enough to use when teachers or classroom leaders aren’t there to help?

How to Decide Which Apps You Need

- Top lists
- Reviews
- Featured
- Word of mouth (students and colleagues)
- Search engines
- Follow That App
  (http://followthatapp.co.uk/category/follow-that-app-of-the-week/)
Station Activity

- Groups of 4 or 5 (each group should have at least one iPad and one Windows laptop)
- 6 stations (could change depending on the number of participants)
  - Download free apps on your iPad and try them
  - Explore paid apps on my iPad
  - Co:Writer and Clicker 6 on laptop
  - Explore SET BC resources
  - ARC-BC resources
  - Google Extensions
- 30 minutes for each station

Download the Following iApps

- Skitch
- Inspiration Maps
- Popplet
- Spell Better
- Voicepaper
- ShowMe
- Educreations
- Tellagami
- Write About This
- ChatterPix
Pre-Writing/Brainstorming

**Explain Everything**
- This app is an easy-to-use interactive whiteboard tool that lets you annotate, animate, narrate, import, and export almost anything to and from almost anywhere.
- Price: $4.59 USD
- Available on iOS, Android, Windows, and Chromebooks

**Inspiration Maps**

**Skitch**

**Popplet**

https://www.youtube.com/user/MorrisCookeVideos
### Inspiration Maps

- Inspiration Maps is a mindmapping tool that helps organize your thoughts and ideas in one place. It's great for writing papers or connecting large themes together to study for exams.
- Price: Free (In-app purchases available)
- Upgrade for full access: $11.99
- Available on Mac, Windows and iOS

[https://www.youtube.com/user/InspirationSW1](https://www.youtube.com/user/InspirationSW1)

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### Skitch

- Skitch is a free app that helps you communicate visually with friends and co-workers. Annotate images with arrows, shapes, text, and more. Use Skitch to sketch something new, mark up maps, screen captures, or a photo and then send them to others.
- Price: Free (offers in-app purchases)
- Evernote: [https://evernote.com/skitch/?noredirect](https://evernote.com/skitch/?noredirect)
- Available on iPad, iPhone, Mac, Windows, and Android

[https://youtu.be/XE325A4RvQc](https://youtu.be/XE325A4RvQc)
Popplet

- Popplet allows you to create, organize, and sort all of your ideas. You can make lists and notes, organize diagrams and flowcharts, brainstorm ideas, and even create photo galleries.
- Price: $5.79 (free version available – Popplet Lite)
- Available on iPad and online
- For previews, ideas and tutorials, go to YouTube.

http://popplet.com/

Time to Explore!

- Visit the links provided in the previous slides to explore the apps.
- If you have the iPad, download the apps from the App Store.
- Of the four brainstorming apps, which one is most effective to you? To your students?
- Use Sticky Notes on your PC laptop or the Notes app on your iPad to jot down ideas.
Word Prediction

Settings Spell Better

Settings ➔ General ➔ Keyboard

• In iOS 8 the company has finally added the 'Predictive keyboard' feature, which as its name implies displays suggestions to users as they type. The keyboard displays three of the most suitable suggestions on top of the keyboard and if any of the three matches what you were going to type then all you have to do is tap on it. Upon tapping the suggestion will be added to wherever you are typing.

• Available on iOS only
Spell Better

• This powerful app can not only help improve spelling, but it has word prediction and auto-completion features, text-to-speech with word highlighting, a built-in dictionary, and much more.
• Price: Free – is limited to only one note and the export options are locked
• Upgrade: $28.99 USD
• Only available on iPad

http://www.spellbetterapp.com/

Time to Explore!

• Go to Settings on the iPad to explore what functions are available under Keyboard.
• Download Spell Better and explore the app.
• Use Sticky Notes on your PC laptop or the Notes app on your iPad to jot down ideas.
Other Word Prediction Tools

Co:Writer 7

Co:Writer CAN

Co:Writer 7

• Co:Writer is word prediction software that works in conjunction with any application you write in like MS Word, Web Browsers, Google Docs, Blogs, Email, and more.
• As you type, Co:Writer interprets spelling and grammar mistakes and offers word suggestions in real time.
• Price: $189-290/computer or $2250 for unlimited licenses
• License can be purchased through PSAP

http://donjohnston.com/cowriter-7/#.Vh63tuxViko
Co:Writer App

- Co:Writer App uses the same word prediction engine as Co:Writer desktop. It includes many of the most important features students rely on like FlexSpell and Topic Dictionaries.
- Price: $22.99
- Available on iOS only

http://donjohnston.com/cowriterapp/#.Vh65AOxViko

Time to Explore!

- Visit the websites given on the previous slides.
- Explore these word prediction tools.
- What tool would be most effective to your students?
- Use Sticky Notes on your PC laptop or the Notes app on your iPad to jot down ideas.
Research Shows That...

- Speech to Text may be most beneficial to students who have difficulty using the keyboard and/or are poor spellers.
- Speech to Text does not substantially improve quality of writing unless combined with writing instruction.
- Speech to Text may be more motivating to students who don’t like or struggle to write.
  - More motivated, write more, learn to write better.

Speech to Text: Command Your PC Computer by Voice

- Speech recognition, which comes with Windows 8, enables you to move around your computer screen by using voice commands instead of the keyboard and mouse.
- To use Windows to dictate text and to control your computer by just saying what you see, click Control Panel, and type speech in the search box. Then click Windows Speech Recognition. As soon as Speech Recognition is set up you can start it by saying Start listening.
Speech to Text: Voice Dictation on iOS*

How to Use iPad Voice Dictation
1. Tap the microphone button on the iPad's on-screen keyboard. This tells the iPad that you want to start dictating.
2. Talk. The iPad will record your voice and turn it into text when you are finished.
3. Tap the microphone button again to stop dictating.

Time to Explore!

• Add the Speech Recognition feature on your PC. Open MS Word and use it as a speech-to-text tool.
• Try the Voice Dictation feature on your iPad.
• Use Sticky Notes on your PC laptop or the Notes app on your iPad to jot down ideas.
Research Shows That...

- Text to Speech helps some readers comprehend better
  - Best for slower readers with good vocabulary and comprehension
  - May limit comprehension for fluent readers
- If text doesn’t make sense to a student, hearing it read aloud doesn’t improve comprehension
- Students may read more efficiently with text to speech tools
- Students may be more motivated to listen to text than to read it
  - More motivated, read more, “rich get richer”

Text to Speech: Hear Written Text Read Aloud in Microsoft Office 2013*

- The ability of your computer to play back written text as spoken word is a text-to-speech or TTS function.
- Depending upon your configuration and installed TTS engines, you can hear most text that appears on your screen in Word 2013, Outlook 2013, PowerPoint 2013 and OneNote 2013.
- Highlight the text you want to hear and then click the Speak selected text icon.
Time to Explore!

- Open any MS Office document – i.e. Word or PowerPoint
- Add the Speak icon.
- Try it on your own.
- Use Sticky Notes on your PC laptop or the Notes app on your iPad to jot down ideas.

Text to Speech: Kurzweil 3000

- Read any digital text available in spoken word
- Deliver audio and visual reinforcement
- Complete assignments and tests independently
- Read PDFs, Word Docs, scanned textbooks and novels
- Kurzweil 3000 can be purchased through PSAP.
- Google Read & Write is similar to K3000.
- Many different options available.

https://www.kurzweiledu.com
Text to Speech

Audio Exam Player
Voice Dream Reader
Typ-O HD

Audio Exam Creator and Player

- **Audio Exam Creator** provides a quick and easy way for teachers to record test questions for students with print disabilities.
  - Price: $11.99

- When used with the **Audio Exam Creator**, **Audio Exam Player** allows students to hear their test questions read aloud to them on their iPad.
  - Price: Free
**Voice Dream Reader**

- This text-to-speech app imports content from various sources and reads it aloud (web pages, PDF files, Word documents, PowerPoints, and more). It integrates with Dropbox, Instapaper, and Pocket.
- Price: $11.99
- Available on iOS and Android

http://www.voicedream.com/reader/

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**Typ-O HD**

- This app uses word prediction and has a sophisticated spelling error model to help you focus on the content of your writing. Typ-O is able to identify the most common spelling mistakes and will often suggest words.
- Price: $14.99 (Typ-O is available for $5.79)
- some features that Typ-O HD has are not available in Typ-O such as voice credits
- Available only on iOS

http://secondguessapps.com/
Time to Explore!

- Typ-O HD vs Co:Writer CAN
- Think about ways that students can use these text-to-speech apps.
- Use Sticky Notes on your PC laptop or the Notes app on your iPad to jot down ideas.

Vocabulary Builder

Flashcards
Flashcards by Dictionary.com
Word Dynamo
Flashcards

• Use this handy app to study materials for any class or standardized test, share flashcards with others, and more.
• Price: Free
• Available only on iOS

https://www.brainscape.com/

Flashcards by Dictionary.com

• You can create your own word lists or choose from 500,000 lists
• Offers what you need to master words and learn vocabulary
• Price: Free
• Available on iOS and Android

http://dictionary.reference.com/apps
Word Dynamo

• Word Dynamo combines with Dictionary.com’s entire word library to help students master word learning. It includes different learning modes, such as audio, flashcards, and definition matching.
• Price: $1.19
• Available on iOS only

http://dictionary.reference.com/apps

Voice Recording & Lesson Creating

Explain Everything
ShowMe
Educreations
**ShowMe**

- ShowMe allows you to record voice-over whiteboard tutorials and share them online.
- Students can use this app to read their writing or a peer read a novel or textbook to use for digital storytelling.
- Pictures and scanned documents can be embedded.
- Price: Free
- Upgrade: $6.99/month or $57.99/year
- Available on iOS and online


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**Educreations**

- Educreations is a unique interactive whiteboard and screen casting tool.
- Teachers can create short instructional videos and share them instantly with students, or ask students to show what they know and help friends learn something new.
- Price: Free
- Upgrade: $13.99/month or $119.99/year
- Available on iOS and online

[https://www.educreations.com/](https://www.educreations.com/)
Time to Explore!

- Download the free version of ShowMe and Educreations.
- Compare the two apps.
- Visit their websites.
- Watch YouTube introduction videos on these apps.
- Use Sticky Notes on your PC laptop or the Notes app on your iPad to jot down ideas.

Accessible Books

Free Accessible Books

- Free PowerPoint Presentations and Interactive Stories Online -

- SET BC Download Free Accessible Books -
  http://setbc.ca/setbc/accessiblebooks/freebooksforyou.html

Time to Explore!

- What is an Accessible Book?
- What format is available?
- Where can I download free Accessible Books?
About ARC-BC

- BC Ministry of Education funded provincial response to the increasing demand for digital or alternate format alternatives to print for students with perceptual disability in BC classrooms
- Managed by PRCVI – Provincial Resource Centre for the Visually Impaired
- To provide BC school districts with high quality digital and alternate format materials based on the BC K-12 curriculum

Providing Alternate Format Materials

- This is an online repository of alternate format materials of BC curricular materials (like novels and textbooks).
- ARC-BC collects, produces and distributes high quality digital and alternate format materials to school districts for use with students with perceptual disabilities.
- The alternate formats include Kurzweil 3000, .pdfs, .ppt and even audio or mp3 formats.
- BC educators can access ARC-BC once they have registered and been approved. It’s important to note that the alternate formats, while free to download, can only be used by students who have “perceptual disabilities” (Canadian copyright). A perceptual disability does include a comprehension disability though so many students would benefit from using these materials.
Who Can Access ARC-BC?

- Registration request to ARC-BC if you are working on behalf of a student(s) with perceptual disabilities
- ARC-BC is committed to working with other Canadian alternate format producers
- Access and use policy determined by the Canadian Copyright Law Section 32(1)

Registering ARC-BC

1. Go to www.arc-bc.org and click on the “Register Here” button on the right side of the home page. Complete the Registration process.
2. This will generate an email to someone in SD33 who is responsible for approving your registration (they are agreeing that you are, indeed, working with students who have perceptual disabilities). You’ll then be notified that you can go ahead and log into the site and begin searching and downloading the thousands of titles they have available.
3. Free MANDATORY online training before downloading ARC-BC resources
District Contact for ARC-BC Approval

- SD33: Gail Gilchrist
  - Email: gail_gilchrist@sd33.bc.ca

What Resources are Available?

- Digital alternate format materials based on the BC K-12 curriculum
- BC Ministry of Education recommended resources
- A variety of formats available depending on title…
  - .txt, .rtf, .doc – text files
  - .kes – for Kurzweil 3000 users only
  - .mp3, DAISY – audio files
Tips and More about ARC-BC...

• If you are interested in audiobooks in particular, when you do your search, choose “mp3” as the format you are searching. If you are interested in finding out if a particular book is available in mp3 format, then type the title of the book into the keyword search field and check out what file formats are there.

• The ARC-BC staff regularly schedules online training sessions to help users make the most of the site. Check out what’s available here: www.arc-bc.org/help/default.aspx.

• If you haven’t accessed these resources yet or forgot about them, it’s really worth your time to visit the site because you’ll be surprised by the many titles that are available.

Requesting a Title or New Format

• Go to http://www.arc-bc.org/Community/RequestTitle.aspx

• Login required – for a registered user only

• No print copy of the book? – by school donation

• High school science and math texts are only produced in .kes (Kurzweil 3000)

• Email will be sent once the files are completed
After Use…

- ARC-BC does not allow school districts to harvest ARC-BC and create their own repository.
- Only the files required by the ARC-BC students are to be downloaded.
- All ARC-BC files are to be deleted when no longer used.

Time to Explore!

http://www.arc-bc.org/
Writing Power & Reading Power by Adrienne Gear


Reading Power

- Is based on research that looks at strategies used by proficient readers.
- Teaches students that reading is thinking.
- Teaches students to be metacognitive, or aware of their thinking.
- Creates a “language of thinking” in your classroom.
- Teaches students five powers to enhance their understanding of the fiction texts they are reading: the powers to Connect, Question, Visualize, Infer, and Transform.
- Encourages students to have “busy brains” while they read.
- Provides a concrete visual tool to help teach the five reading powers.
- Exposes students to a wide range of rich, engaging literature – including both old classics and wonderful new titles.
- Helps build a common language of reading comprehension throughout your classroom and your school.
- Can be used to enhance your writing program.
- Is respectful of children’s thinking and encourages them to think beyond the pages of the books they are reading.
- Celebrates the students’ voices in the classroom and allows for their thinking, their connections, their images, and their ideas to make a difference.
- Will change the way you and your students read and think.
SET BC Upcoming Event:
Reading Power with Adrienne Gear

• Event format: F2F
• Date: January 21, 2016
• Time: 9am – 3pm
• Location: PRCVI in Vancouver
• For event details, please go to https://w3.setbc.org/w3-public/Pages/Event-Registrations.aspx and click “Reading Power with Adrienne Gear (Vancouver, Face to Face Session)”.  
• Contact: Tak Yamada (tyamada@setbc.org)

Resources

• Apps Gone Free by AppAdvice.com (http://appadvice.com/apps-gone-free)  
  • Daily list of apps that become available for free for a short time.  
  • Check daily!

• AppShopper (http://appshopper.com/)  
  • Check to see which apps have been updated or had a price change.

• AppAdvice (http://appadvice.com/appnn)  
  • Ad-free, detailed App reviews of top 25 apps to date.  
  • Can sort by interest or category list.
More Resources...

- Link: http://goo.gl/XTID1b
- A teacher guide on strategies for struggling readers can be downloaded from this link.
- Visit http://learningnetwork.setbc.org/dkim/ to see my past workshops and more resources.

Upcoming Online Trainings at SET BC

- Go to SET BC website – www.setbc.org
- Under CAPACITY, click Upcoming Events.
- If you haven’t signed up, please create login first.
- Once logged in, click the event you would like to attend – i.e. Overview of Kurzweil 3000 Windows. Make sure to select the one with the date you want.
- Click “Add to My Event Cart” and check out.
- Please check on a regular basis for upcoming events.
SET BC Presentations on Literacy


• List of presentations done by SET BC consultants last year

• Presentations that might interest you
  • Tour of SET-BC Resources – Flo Wong
  • Chrome and Web Tools to Support Struggling Readers and Writers – Maureen LaFleche
  • Reading Power for All – Daphne Mercier
  • ARC-BC Resources on the iPad with Text-to-Speech – Maureen LaFleche/Jane Rondow
  • Using SET-BC Resources to Support Literature Circles – Charlotte Friend

Workshop Survey

Please go to [http://bit.do/sd33survey](http://bit.do/sd33survey) and complete the workshop survey before you leave.