Using the iPad for Differentiation
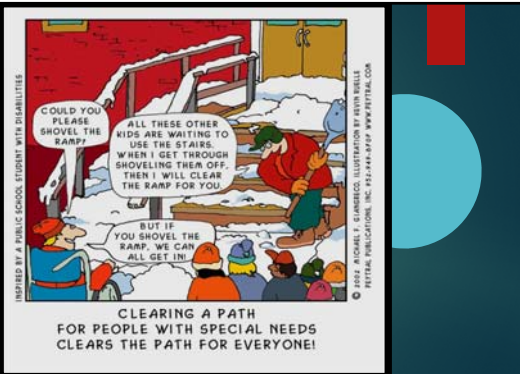
SUPPORTING ALL LEARNERS WITH TECHNOLOGY
LATA CONFERENCE 2018 – MICHEL GAGNON

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Our Plan…

► 1- UDL
► 2- Technology Literacy
► 3- Examples of 'Showing what students know' in multiple ways
► 4- Let's explore!

To differentiate instruction is to recognize students' varying levels of background knowledge, readiness to learn, language ability, learning preferences, and interests, and to react responsively.

(Adapted from Hall, Strangman, & Meyer, 2003, pp. 2–3)

Why Technology?
Universal Design for Learning framework
www.cast.org

Seven Learning Styles

Visual **(spatial)** You prefer using pictures, images, and spatial understanding.

Aural **(auditory-musical)** You prefer using sound and music.

Verbal **(linguistic)** You prefer using words, both in speech and writing.

Physical **(kinesthetic)** You prefer using your body, hands and sense of touch.

Logical **(mathematical)** You prefer using logic, reasoning and systems.

Social **(interpersonal)** You prefer to learn in groups or with other people.

Solitary **(intrapersonal)** You prefer to work alone and use self-study.
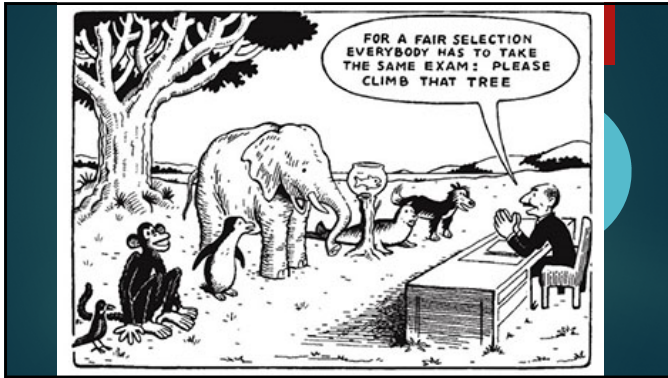
General Technology guidelines

- Teach technology skills, apps BEFORE using them for content

- Set parameters of safe and appropriate tech use
  - Digital citizenship curriculum
    - https://www.commonsense cation/digital-citizenship

- Make criteria visible – for using app or software (use xx features) and for knowledge to be demonstrated (eg. 15 key points, 3 images, into using 2 apps etc)

Common Sense Media

Digital Citizenship

iPAD Etiquette

- Rules in my classroom:
  - The phrase "iPad Etiquette" means: iPads are closed, both hands are on top students desk, and ALL students are ready to listen.
  - iPads are for academic use only
  - The device must be treated with care:
    - Do not use around food or drink
    - Be gentle: do not bang on screen

Padlet in the classroom

I will demo
Then please do it aftewards:)

1- Turn on the ipad
2- slide from right to left to get the camera
3- Point to the qr code
4- On the top, a message will appear with the link
5- Click on it.

Technology for sharing and printing

- Double click the home button
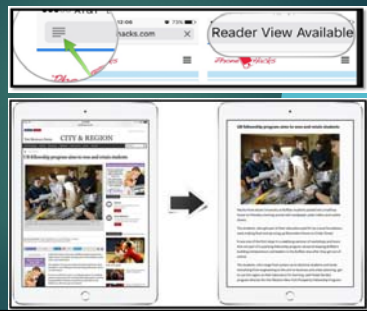
- Click on the AirDrop icon
- Choose Everyone

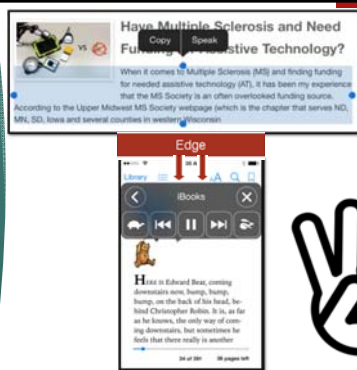## Activity 1: AirDrop
Use your iPad to send a picture

1- Take a picture

2- Turn on AirDrop, make sure it is on Everyone

3- Go to the Picture app

4- Send the picture to someone in the class

5- Think & Share – what do you notice?

Technology Supports for Reading

Safari Reader View

Text to Speech

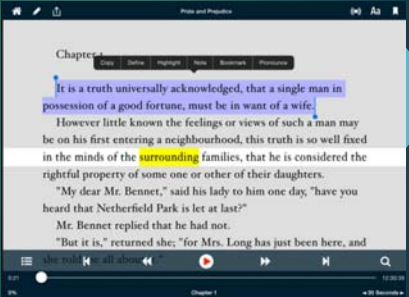## Activity 2: Reading
Use your iPad to listen to the web

1- Go to Settings, General, Accessibility, Speech

2- Enable Speak Selection and Speak Screen

3- Go to Safari and go to a news website.

4- Activate reader view.

5- Select some text or/and have the iPad read the whole article

6-" Play with settings" – Highlight Content, Typing feedback and rate
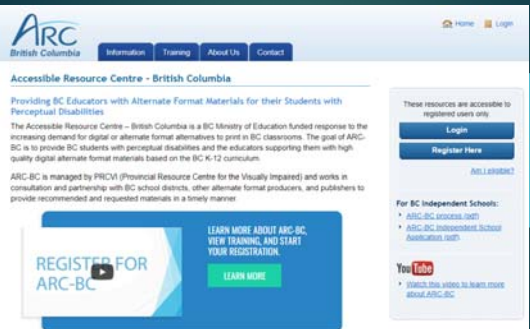
Voice Dream Reader – $20.99

Accessible Resource Centre - British Columbia

Technology Supports for Writing

Dictation - iOS

• Speech to text capability – anywhere!
a) Settings
  • General
    • Accessibility

  • Under interaction – enable Siri / Always on
b) Settings
  • General
    • Keyboards
      • Enable Dictation

Activity 3: Dictation
Use your iPad to send a dictated email to Michel

1- Go to **Padlet** in the **Safari** app. Or use you camera and the QR code.

Text to Dictate:

• It is with great fortitude and skill that I am dictating this message. Please accept it as a grand gesture showing how well I have learned to do this. My goal is to test how to do the phrasing and discover the challenges. Sincerely, xxxxx
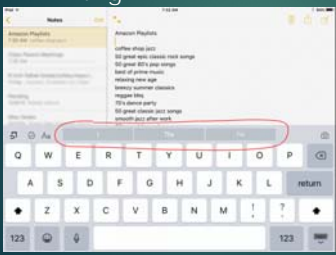
Think & Share – what do you notice?

Technology Supports for Writing

Predictive

Settings

• General
  • Accessibility
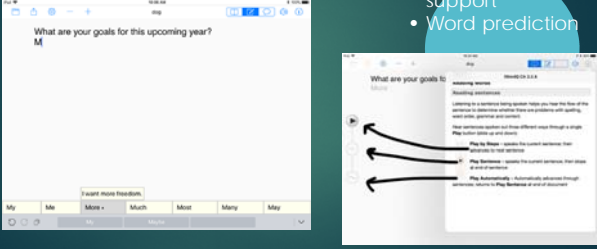   • Keyboard
      • *enable* Predictive

Technology Supports for Writing

iWordQ – *$28.99*

Writing
- with text to speech support
- Word prediction

Technology Supports for Writing

Snap Type

– write/type on worksheets
free/$6.99

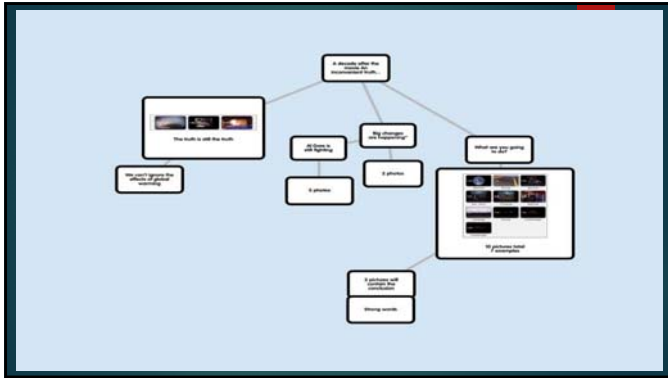## Technology Supports for Showing What We Know

Book Creator
$

Popplet Lite (free)
Popplet $

iOS apps
- Notes
- iMovie

Explain Everything
$

Adobe Spark Video (free)

ChatterPix Kids (free)

Pic Collage

Pic Collage

Pic Collage

Popplet

Chatter Pix
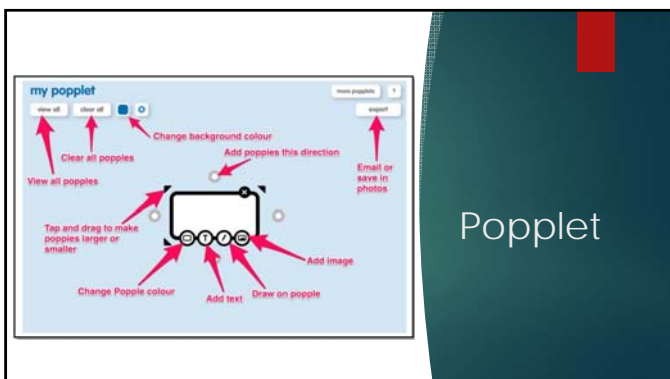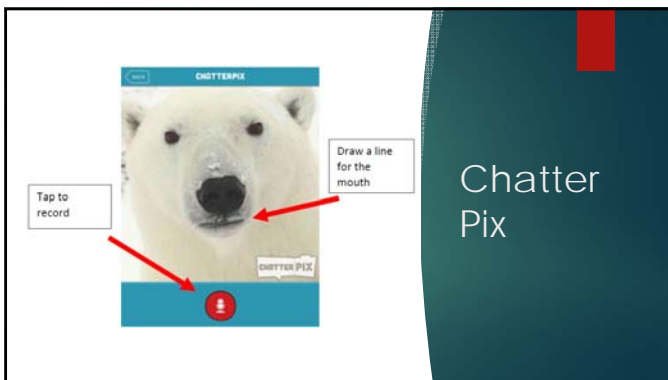
Book
Creator

Notes

Explain Everything

Explain Everything

https://www.youtube.com/watch?v=DY499ryw834
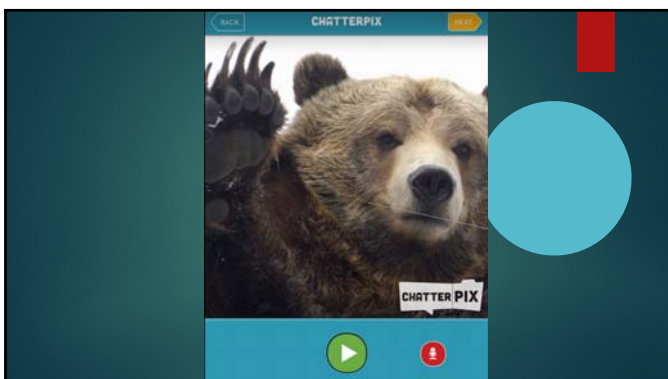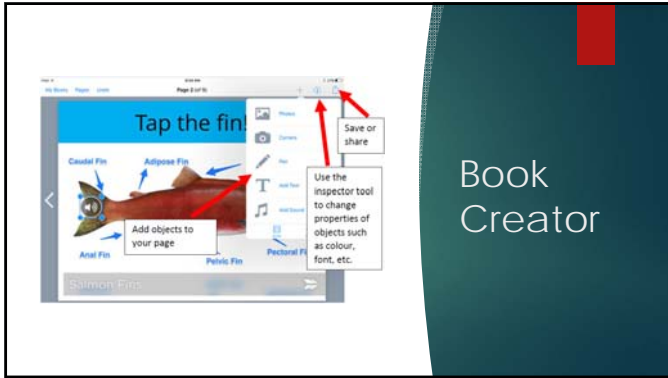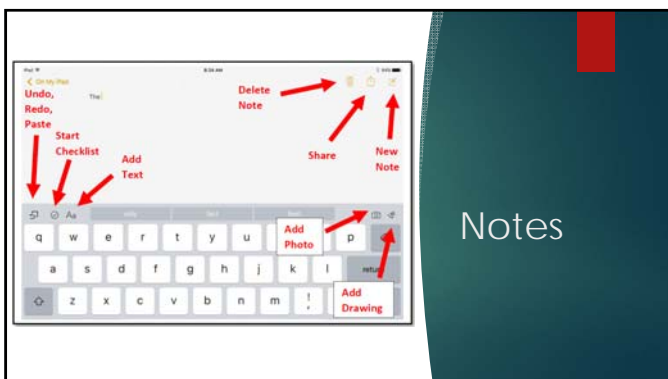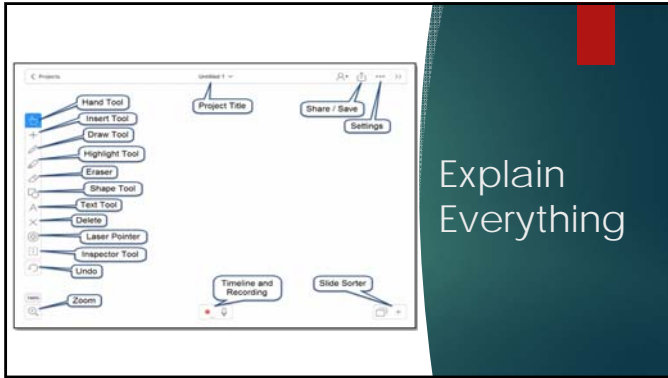https://www.youtube.com/watch?v=eSiMy-P_FsA

iMovie

iMovie

THE INCONVENIENT SEQUEL: TRUTH TO POWER

Let's explore!

Using the iPad for Differentiation

- - As you reflect on this workshop, discuss what you could...
  - - Hold onto
  - - Grow into
  - - Let go of

- Where do you go from there? What are your next steps to using technology for differenciation in your context?