

Digital Pens: An Introduction

August 2021

TheyMayNotKnow.com

Free Webinar Series

Joan Green, M.A. CCC-SLP



Send a text to 1-833-735-7333

Type only the word "PEN"

(Available for US phone carriers until 9/1/21- a link to the handout will appear in your inbox)



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Or, email Joan@innovativespeech.com and I will email you a link within 24 hours to download the handout

**Want a
handout?**



Accessibility Check

- You are muted
- We can't see you
- Close extra tabs and refresh if problems
- Log out and in again as needed

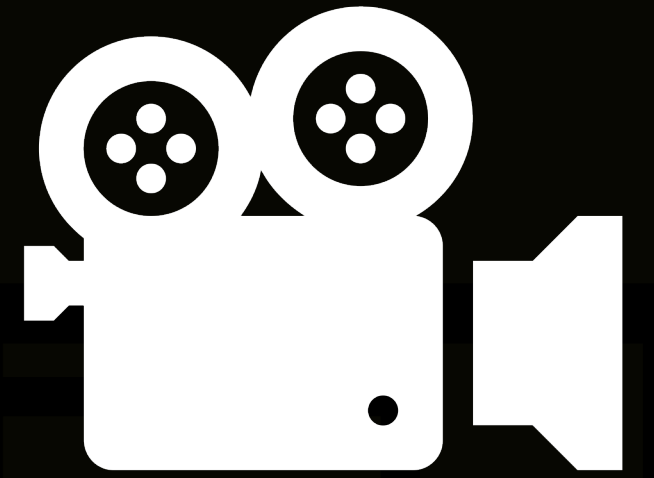


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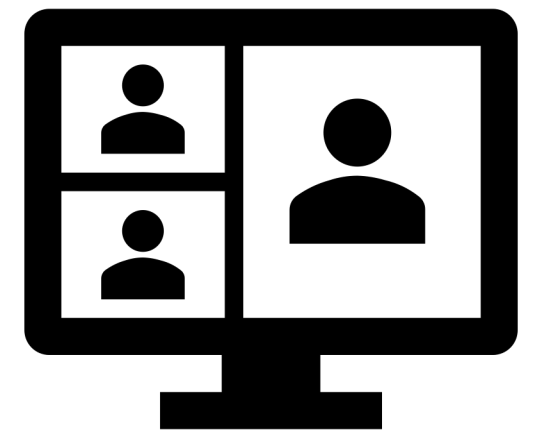
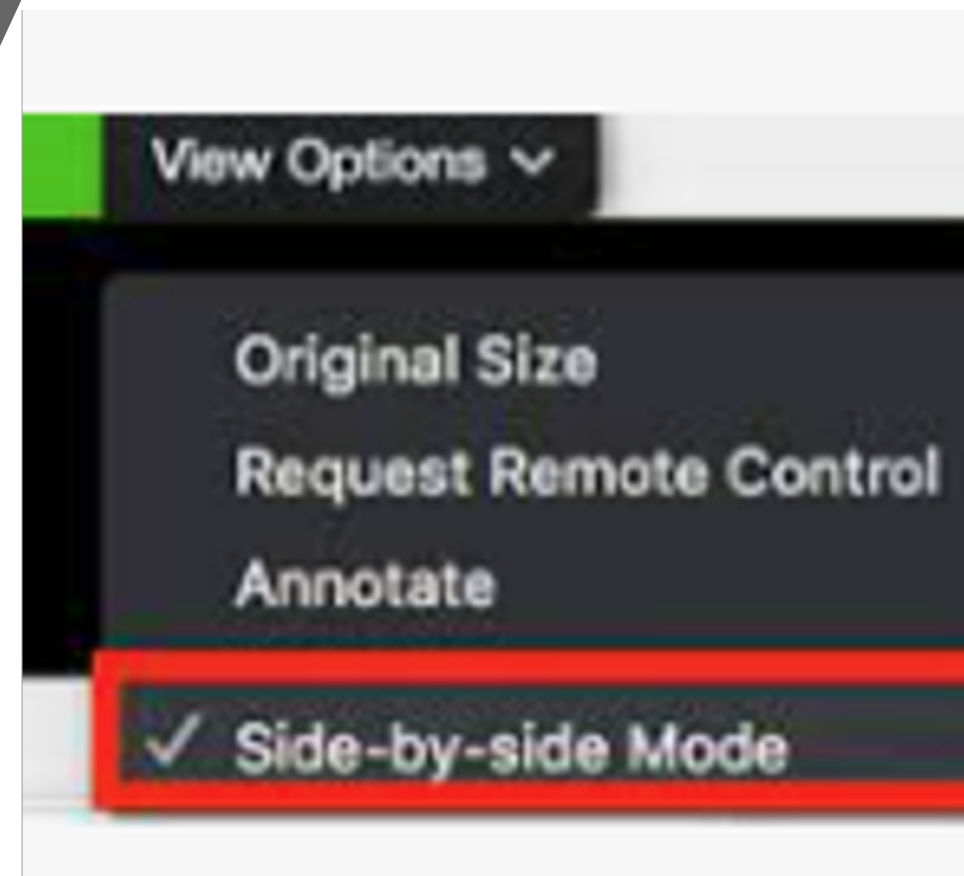
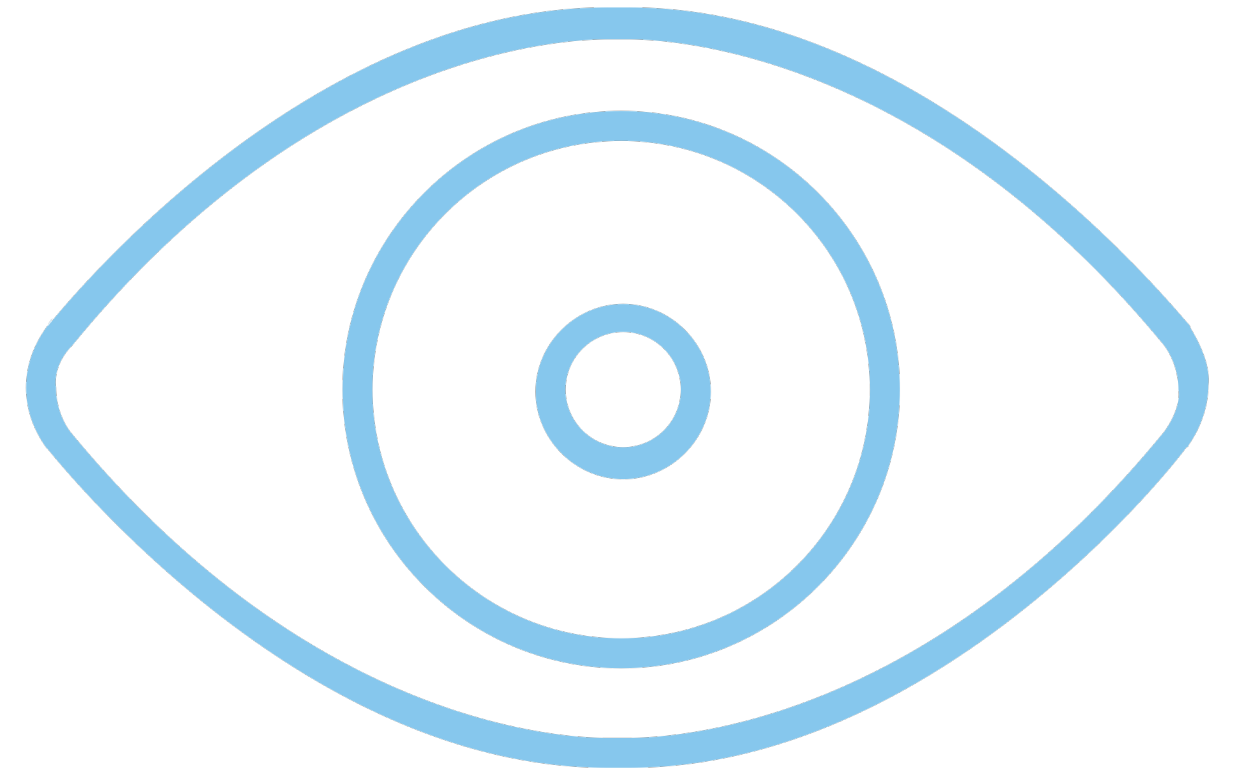
Recording

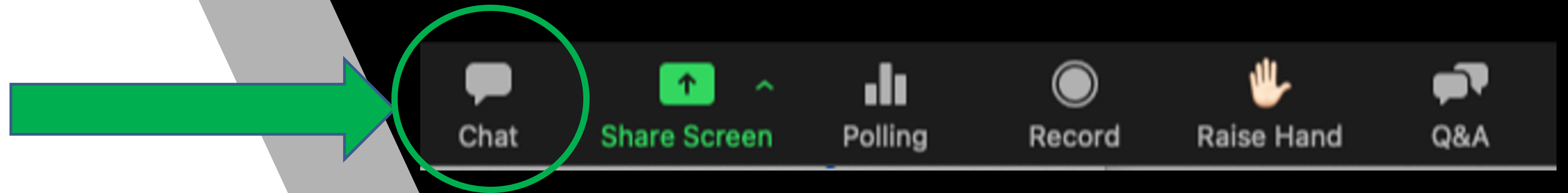
- This webinar is being recorded.
- On-demand access is available for free to all who register for 1 week
- Automatic closed captioning has been enabled
- Errors may occur with automatic transcription



Adjust your view

- Speaker view vs. Gallery view
- View Options > Choose side-by side (PC/ Mac
- Hover your cursor on the divider and move to right or left when you see the double arrow





Participate

Let's help each other
and connect!



TheyMayNotKnow.com

Free Webinar Series

Dedicated to the memory of my wonderful
brother-Robert (Bob) Lipman

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Prior sessions are archived and available at

<https://learn.innovativespeech.com/bundles/webinar-recordings>

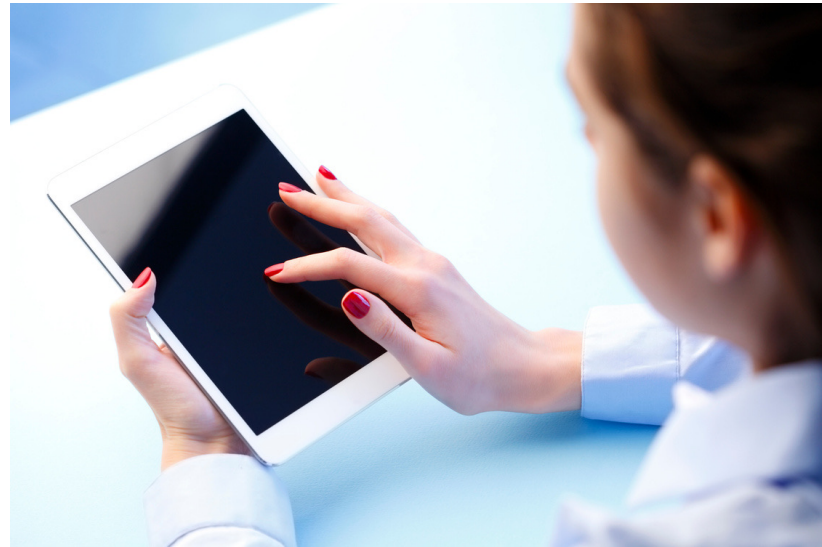


Have you tried to explore the world of digital pens? It's confusing!



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- Taking notes
- Reading
- Getting digitally organized
- De-Cluttering your desk



There are many ways to:

- access content
- interact & engage
- show what you know & communicate





Let's leverage the benefits of this new generation of assistive tech!

Learn what's possible

Match individuals needs with features- person centered approach

Give it a try and adapt as needed- ongoing process

Joan Green



Speech-language Pathologist

Assistive Technology Specialist

Online Tech Coach

Mother of 4 Young Adults

Senior Tech Advisor

Founder of Innovative Speech Therapy

Author of 4 Technology Books &
Online Courses

Immersed in world of eldercare

www.innovativespeech.com

Small Group Power Jumpstart Support on Zoom!

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Joan@innovativespeech.com

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**Want a
handout?**



What is a digital pen/ smart pen/ digital stylus and why bother learning about it and its features?

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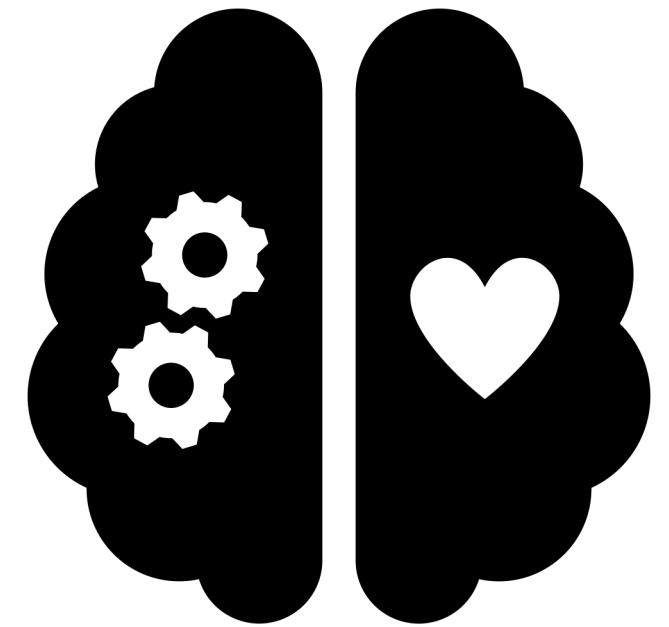
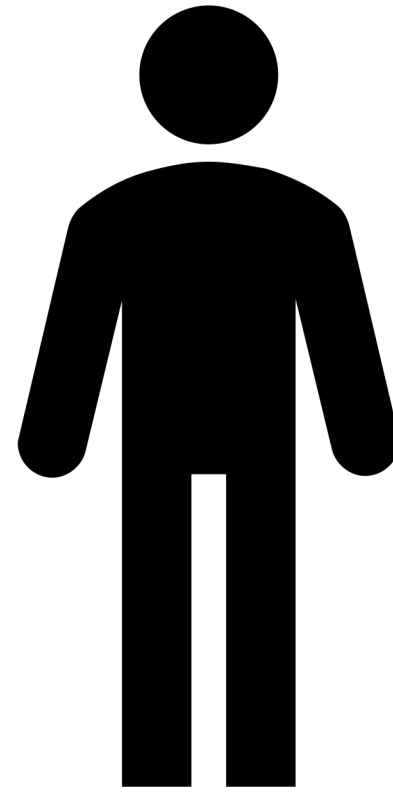
Digital Pens are packed with electronics

- Battery
- Optical scanner
- Bluetooth
- Memory
- Audio recorder
- Microphone
- Speaker
- Real ink or "digital" ink
- Eraser
- Pressure sensitivity

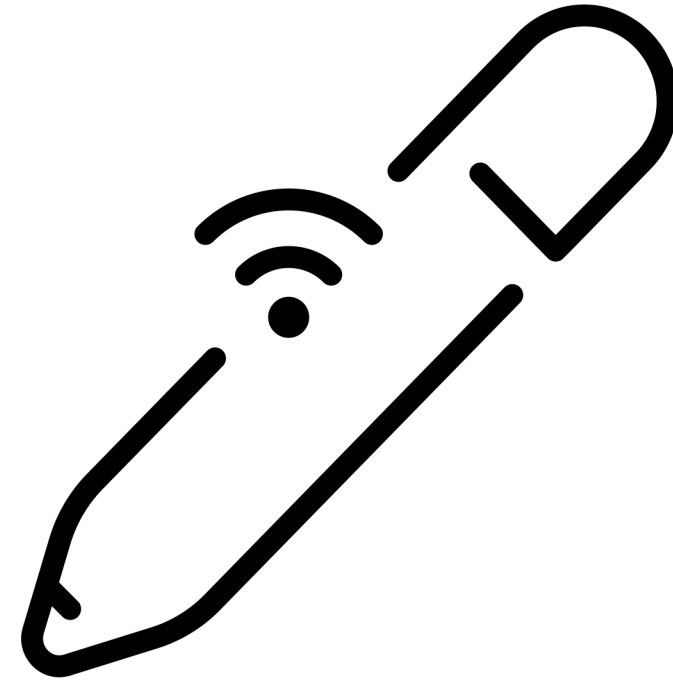


Person centered approach

- Individual's needs, strengths, & preferences
- Helpful features
- Analyze tasks
- Explore available tech
- Mainstream accessibility features
- Additional apps, extensions, devices, gadgets
- Offer support
- Explore and adapt



Feature



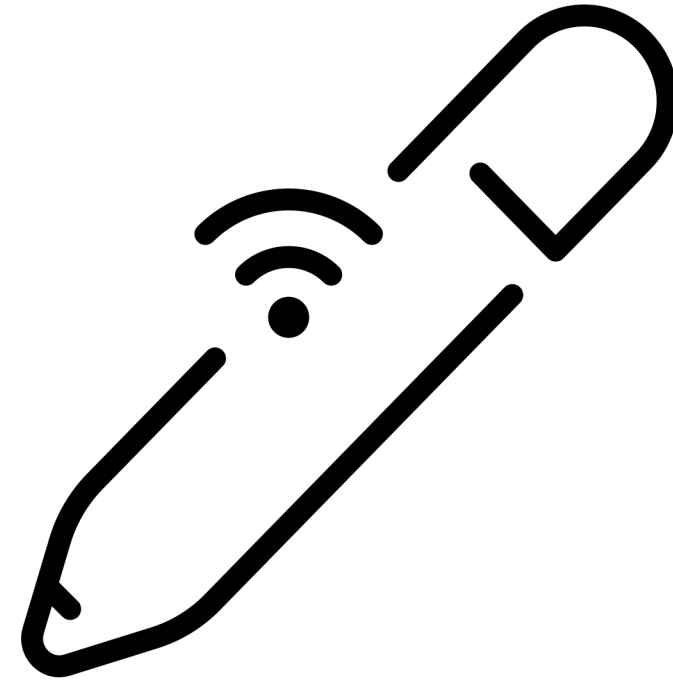
Benefits from taking notes by hand

Improve learning. Research has shown that handwritten notes may improve processing & memory of new material.

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Feature



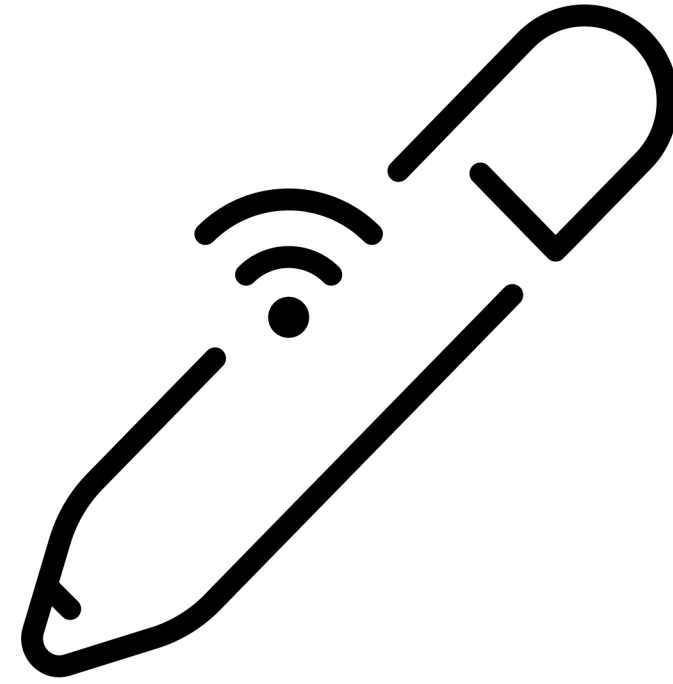
Record audio and sync to notes

Listen to what was said at the time you made a mark on the paper or screen

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Features



Read words aloud from paper

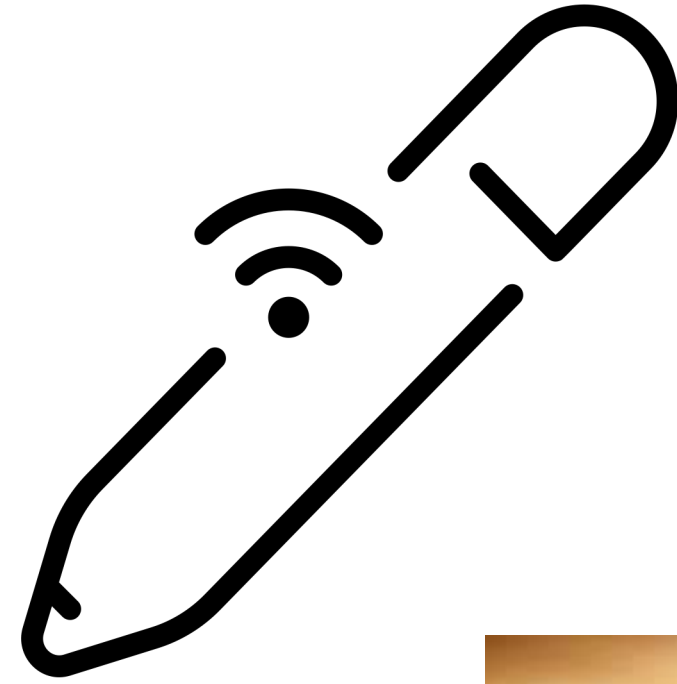
Have single words or sentences read aloud

(There are other tools that are better for having entire books read aloud)

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Features



Digitize without distractions

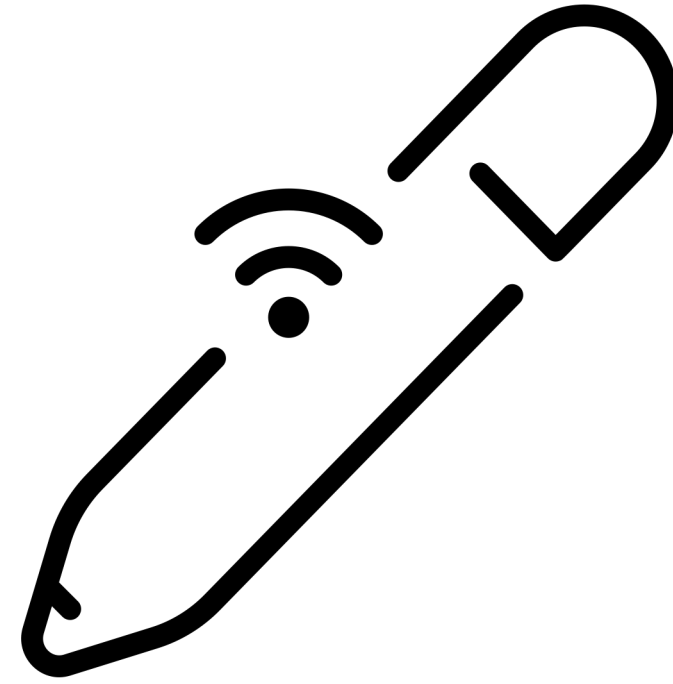
Create digital files and save online without all the notifications and apps competing for your attention

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Feature



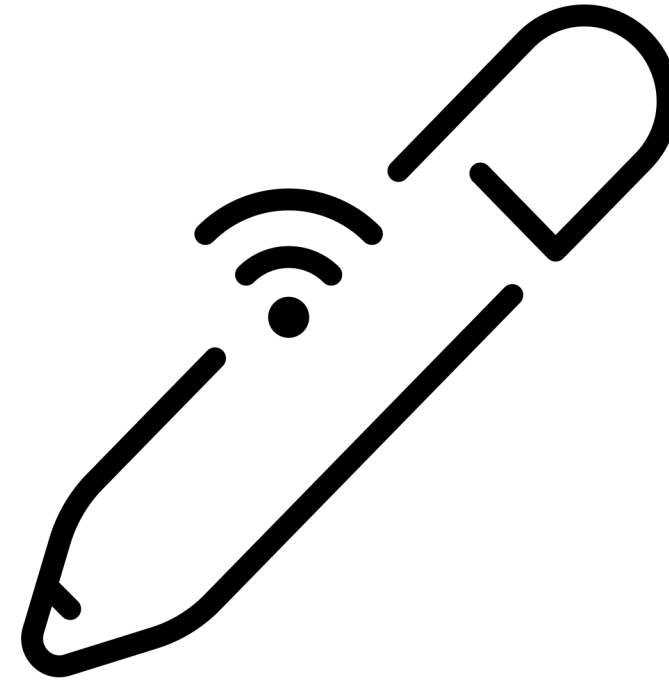
Send highlighted text to digital docs

Select words from a book or handout and instantly send them to a doc to create a study guide or collect research

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Features



Write on top of PDFs

Show what you know by filling in blanks on a test or marking up a handout as you take notes. Sign forms.

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or Sign in to sync this notebook.

constructivist practices

On-line discussions can be like a party they bring the wrong kind of presence discussions are accepted as normal or asynchronous e-mail discussions are resident instruction (Klemm, 2000). It to save travel costs, cope with schedule and projects.

However, such discussions often fail seen go wrong in my six years of part time. The emphasis is on helping di

The paper has a focus on learning environments, which are central to both formal academic training and to corporate training of personnel, but the principal findings apply also to corporate environments.

Theme Colors

Standard Colors

More Colors...

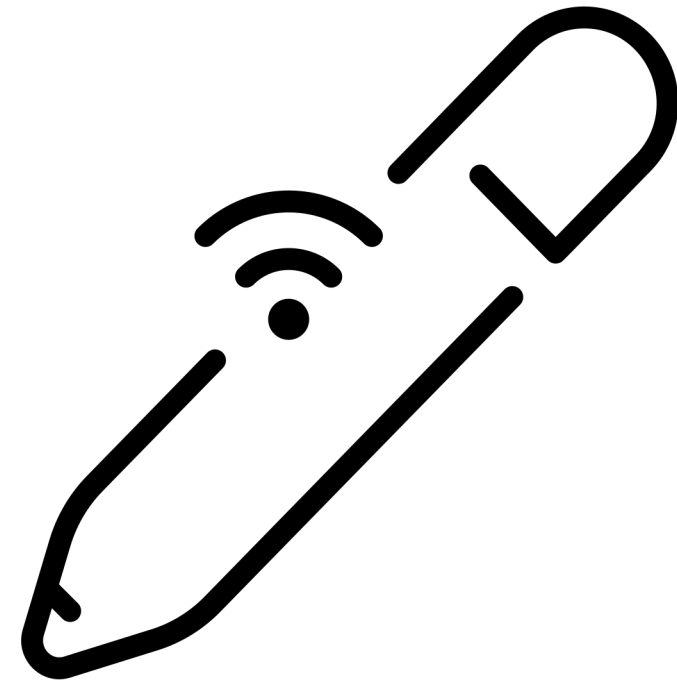
Why On-line Discussions Are Important

I will specify later how such discussions are commonly flawed, but first I need to affirm why they are important and why group leaders should try to perfect the way that discussions are managed. The advantages of well-run on-line discussions (Knowlton et al. 2000) include:

- > Participants don't feel so isolated
- > Participants can build relationships
- > Everyone has a chance to be heard
- > Interactions with others can be motivating and instructive
- > Discussions can provide broader perspective and new insights
- > Views become subject to re-examination
- > Ideas and facts can be processed at a deeper and more creative cognitive level

Asynchronous discussions have the additional advantages of

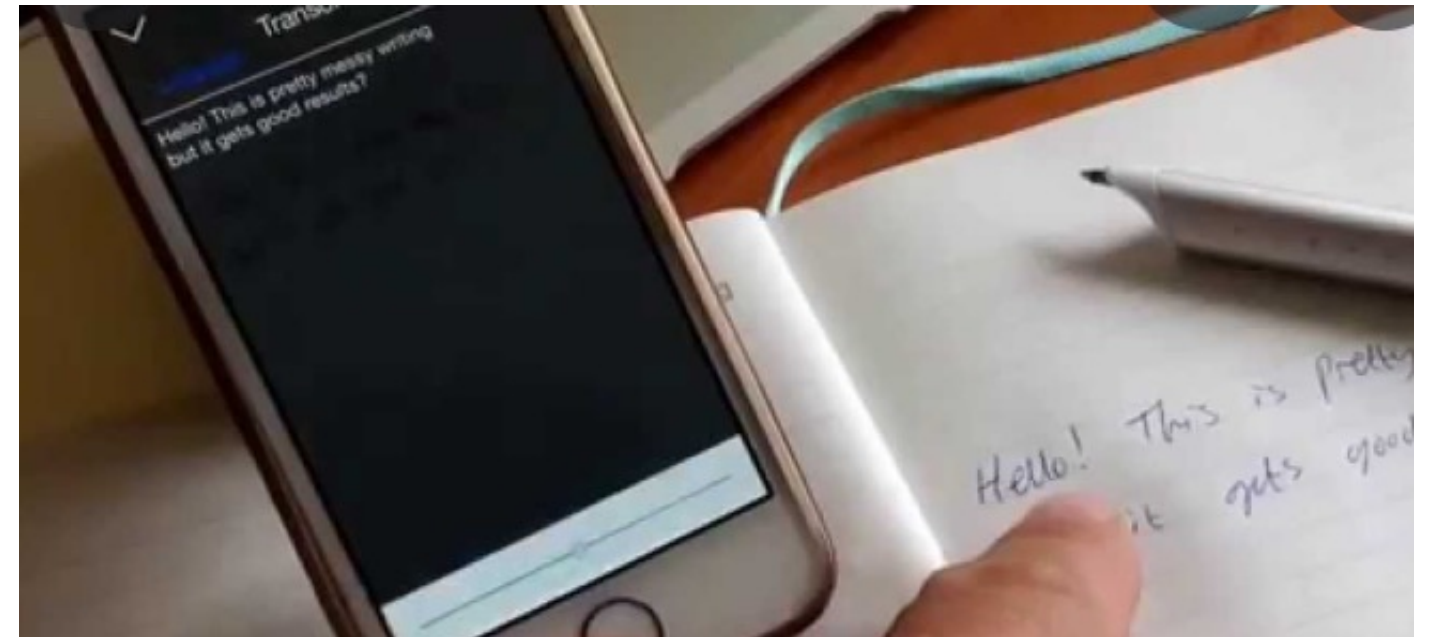
Features



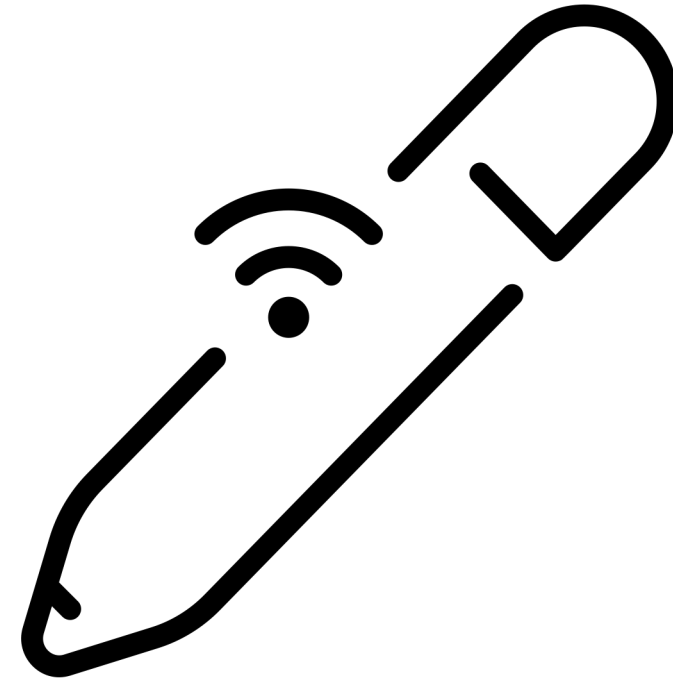
Turn your handwriting into text

Create searchable docs and share what you write with others or enter text into a document

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Feature



Easily share notes with others

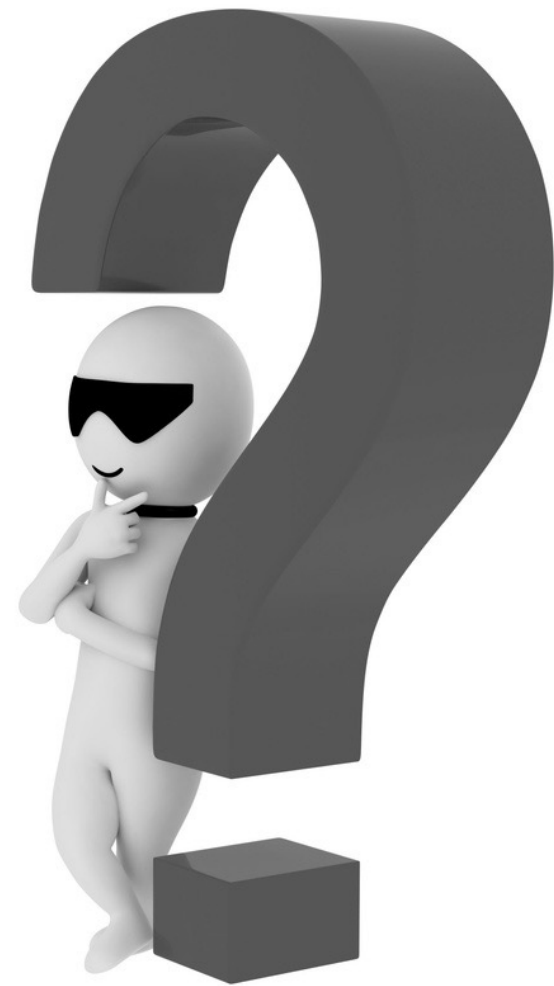
Practice taking notes in a class and learn from others as students take turns or teacher demonstrates.

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Drawbacks



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Charging

Most pens and tablets needs to be charged.

Potential for Loss

It's easy to lose them!

Access

Careful thought needs to be given to digital storage system

Read words aloud,
translate & scan text
into document





C-Pen Reader

- Reads text out loud
- American English, British English, French and Spanish
- Dictionaries
- Stores text captured with OCR
- Voice memo
- Connect with USB to enter text into document
- <https://www.scanningpens.com/ReaderPenUS/>
- \$250.00

C-Pen Connect



- Mac, PC and Linux compatible
- C-Pen Connect- Chrome extension to scan text into an open tab in Chrome Browser
- <https://www.cpenconnect.com/>
- \$130.00

Scanmarker Air

Digital Highlighter



- Slide across print and see it transfer print to text on your device's screen
- OCR can translate into 60 different languages
- Listen to text read aloud
- Connect by Bluetooth or dongle
- Mac, Windows, Android and IOS, not Chromebooks
- Dictionary
- <https://scanmarker.com/>
- \$139.00- now \$125.00

Using a digital pen to
take notes on special
paper



Rocketbook



- Reusable spirals and flip notebooks
- Use with Pilot FiXion ink
- Wipe clean with water and cloth.
- Use iOS or Android free Rocketbook app to configure scan destinations and send email
- <https://getrocketbook.com/>
- Rocketbook Fusion- \$37
- Pens- 3 for \$7

Livescribe Symphony



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- Sync audio to text and drawings with mobile device to record the
- The pen has as small camera that captures your notes as you write on special paper
- Watch Pencast in Livescribe+ app and connect with Bluetooth
- Can convert handwriting to text
- Share as PDF, image or text via email, local storage or sync with the Cloud.
- Holds 1,200+ pages in pen
- 90 - day standby battery life
- <https://us.livescribe.com/>
- \$109.00 for pen, 4- pack single subject notebooks- \$29.95

Moleskine Pen + Ellipse



- The pen has a camera at the tip
- Write and draw on special paper and connect by Bluetooth
- The notes are automatically archived
- Transform handwriting into text
- Can edit and share the notes
- The original Moleskine notes app does not have the option to record voice.
- The Moleskin app 2.0 will have the option to record but has not yet been released.
- <https://www.moleskine.com/en-us/>
- Smart Notebook- \$29.95
- Smart Pen- \$129.00

Neo Pen and Reco Recorder



- Great solution if don't want to use a phone, tablet or computer
- The small recorder syncs audio with the notes taken with the smart pen on special paper
- Tap a word on notes and RECO will replay the corresponding parts of the recording
- The recorder can hold up to 10 hours of continuous recording
- <https://shop.neosmartpen.com/>
- recorder \$69.00
- Notebooks- 3 pack- \$14
- New Smartpen M1 Plus + \$129.00

PenManager

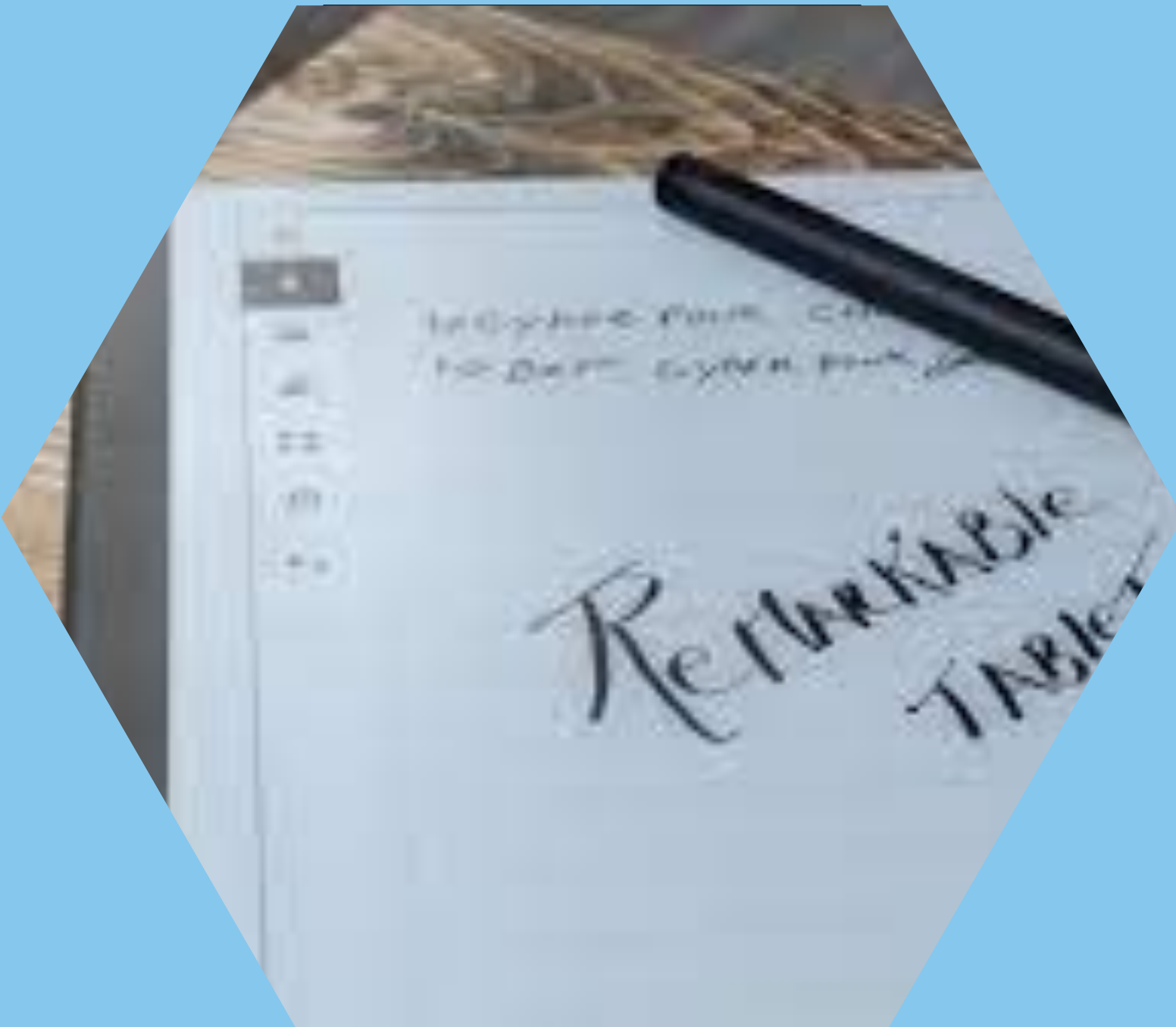


- **PenManager-** An app for Macs and PCs to manage Neo pen Reco recordings
- **Grida board** by Neo Smartpen- an online site for real time teaching and connection with the Neo pen
- <https://gridaboard.web.app/>
- **Inklink Chrome Extension-** Use the Reco recorder to bookmark audio and notes while watching YouTube videos
- <https://neolabdev.gitbook.io/pen-manager-support/help/inklink>
- <https://www.neosmartpen.com/en/penmanager/>

Using a digital pen to
take notes on
dedicated tablet



Remarkable 2



- No distractions
- Take handwritten notes, read and review PDF& Epub documents
- Convert writing to text
- Easy on the eyes- no glare- can read in sunlight
- 2 weeks of battery life
- Google chrome plug-in- any web page simplified and ready to read
- Create offline library organize in folders
- <https://remarkable.com/store/remarkable-2>
- \$399.00 for Remarkable 2, \$99 for pen plus with eraser

Using a stylus pen/
Apple Pencil with
touch tablet or touch
computer





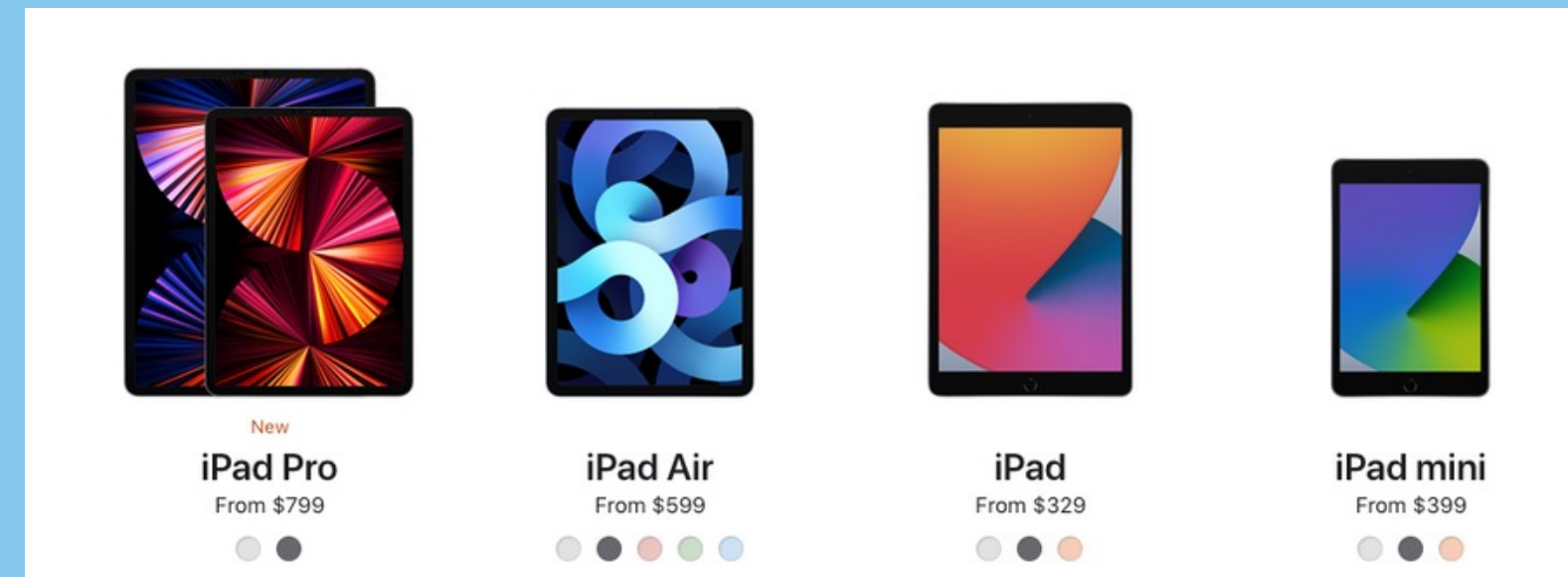
Microsoft Surface



Acer Chromebook Spin



Samsung Tablets



iPads

Apple Pencil



A digital stylus

Apple Pencil 1 \$99.00
Apple Pencil 2 \$129.00

Supports:

- pressure sensitivity,
- palm rejection
- "virtual ink" flows from the pen almost instantly
- <https://support.apple.com/en-us/HT211774>

Apps for digital pens



Whiteboard apps

Apple Notes

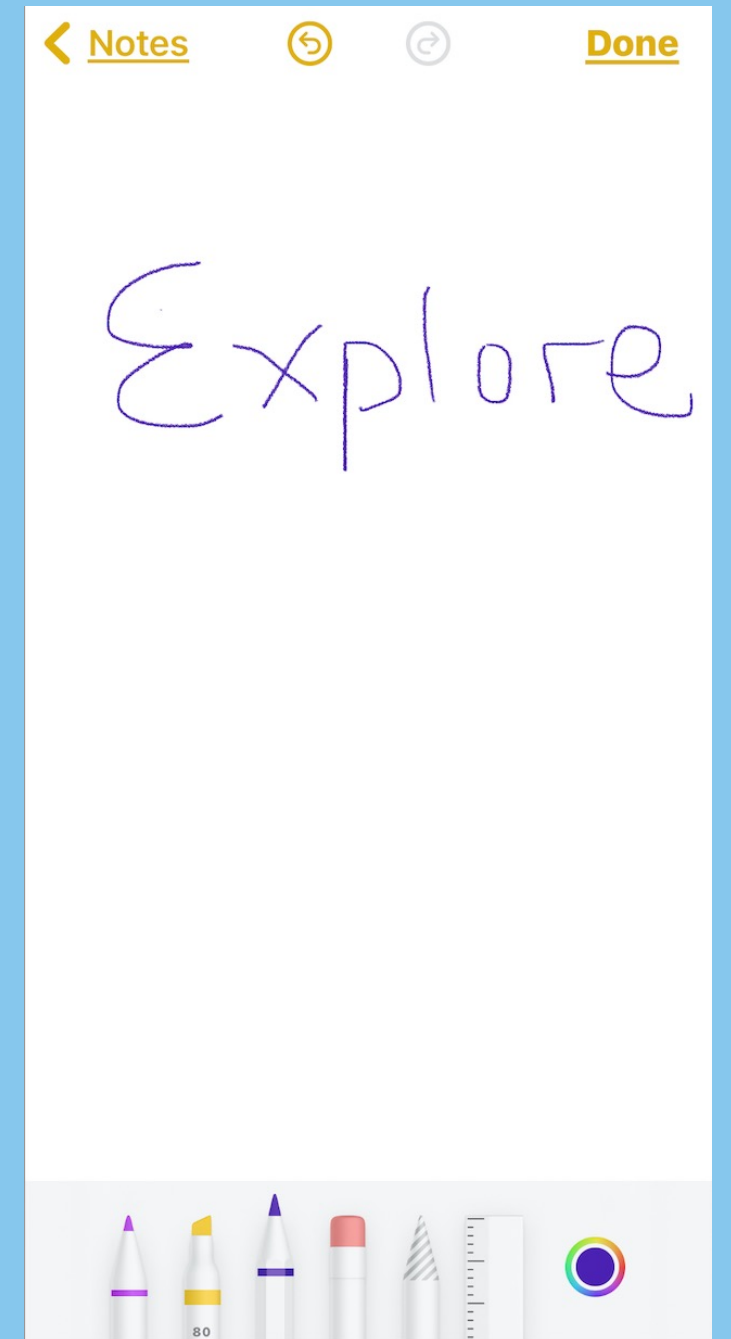
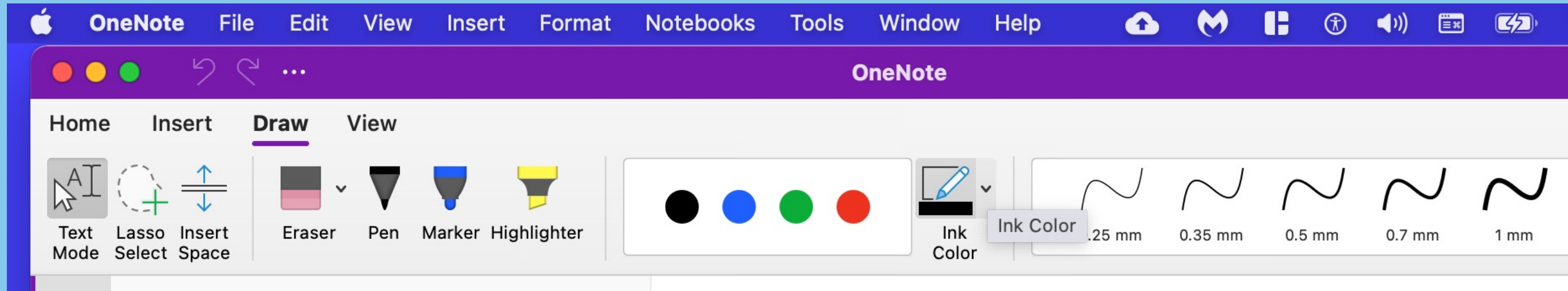
Microsoft One Note

GoodNotes 5

Evernote



Drawing options



Microsoft One Note

- Sync audio with notes
- Create searchable digital multi-media notebooks
- Automatically syncs and saves notes
- Available on all devices - PC, Mac, iOS, Android
- Create notebooks, sections and pages to get organized
- Extremely robust set of features
- Free

The screenshot displays the Microsoft OneNote application interface. The title bar reads "Cecilia's Notebook". The ribbon includes "Insert", "Draw", and "View" tabs. The left sidebar shows a list of notebooks: "Calculus 101", "Chemistry 206", "Geology 101", "Architecture 116", and "Design 220". The "Chemistry 206" notebook is selected, showing a list of pages: "Lab notes", "Molecular formulas", "Practice problems", and "Equations". The "Lab notes" page is open, dated "Monday, April 1, 2019" at "10:10 AM".

The page content includes:

- A vertical color scale for pH, ranging from 0 (red, "Increasing acidity") to 13 (dark blue, "Increasing alkalinity"), with "Neutral" at 7.
- Handwritten equations: $x + y = 50$ and $0.20x + 0.05y =$.
- A table with handwritten entries:

	Volume	Percent
Strong Solution	X	43
Weak Solution	Y	0
Total Mixture	50	

Below the table, there is a double vertical bar symbol "||".



Paperfeel screen protector

- Feels like writing on paper when on a tablet or computer
- Case friendly
- Anti-glare so can use outside
- Self-adhesive
- Removable
- Anti-fingerprint

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There are also apps and other devices that aren't "digital pens" that offer similar features

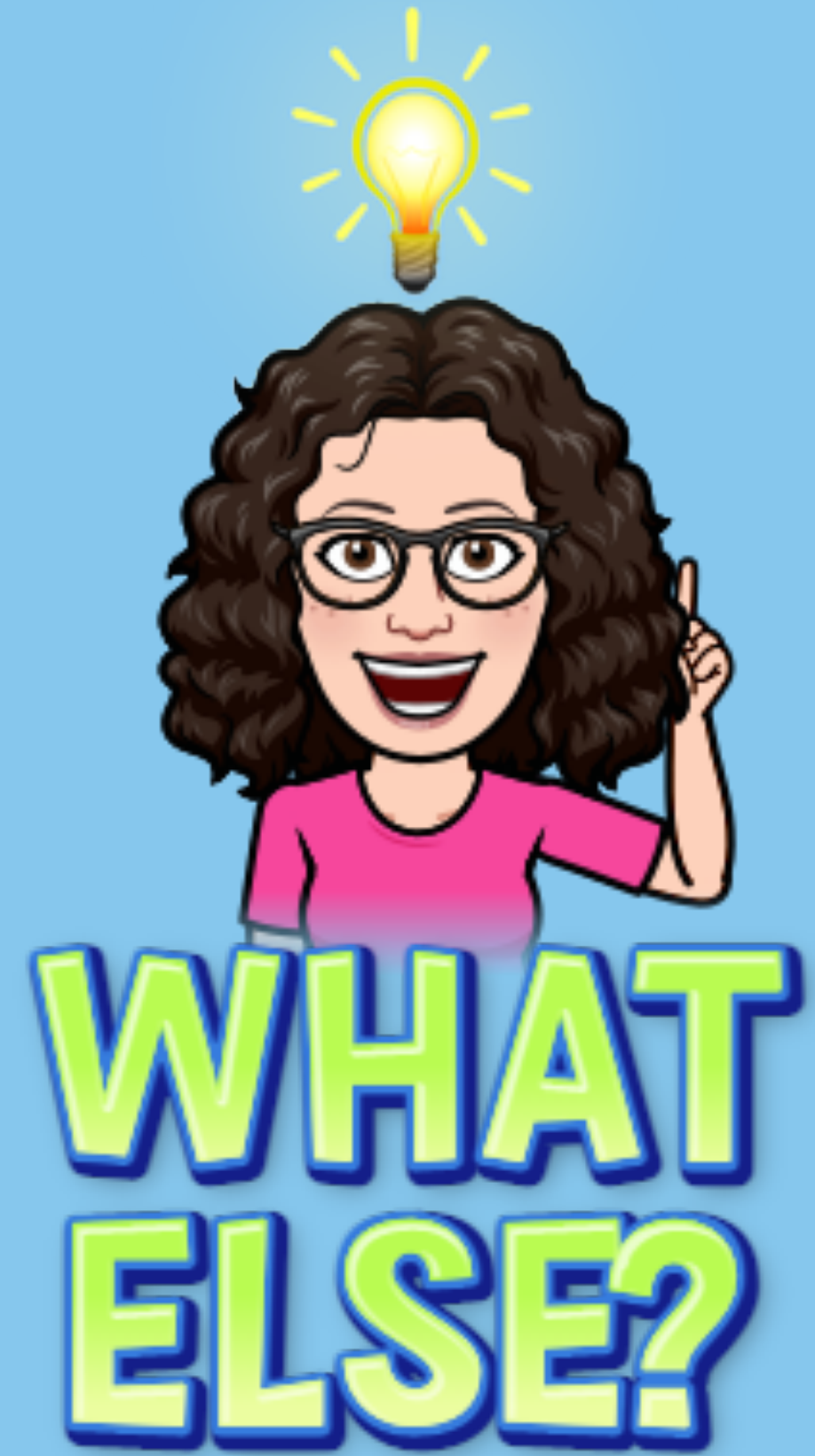
- Claro ScanPen Photo/document reader with OCR- iOS- \$9.99
- Wacomb pen tablet to draw with a mac- medium- \$376.74
- OrCam read- handheld scanner- uses artificial intelligence- \$1,990.00- for large amounts of text on the go



"



Additional
suggestions?



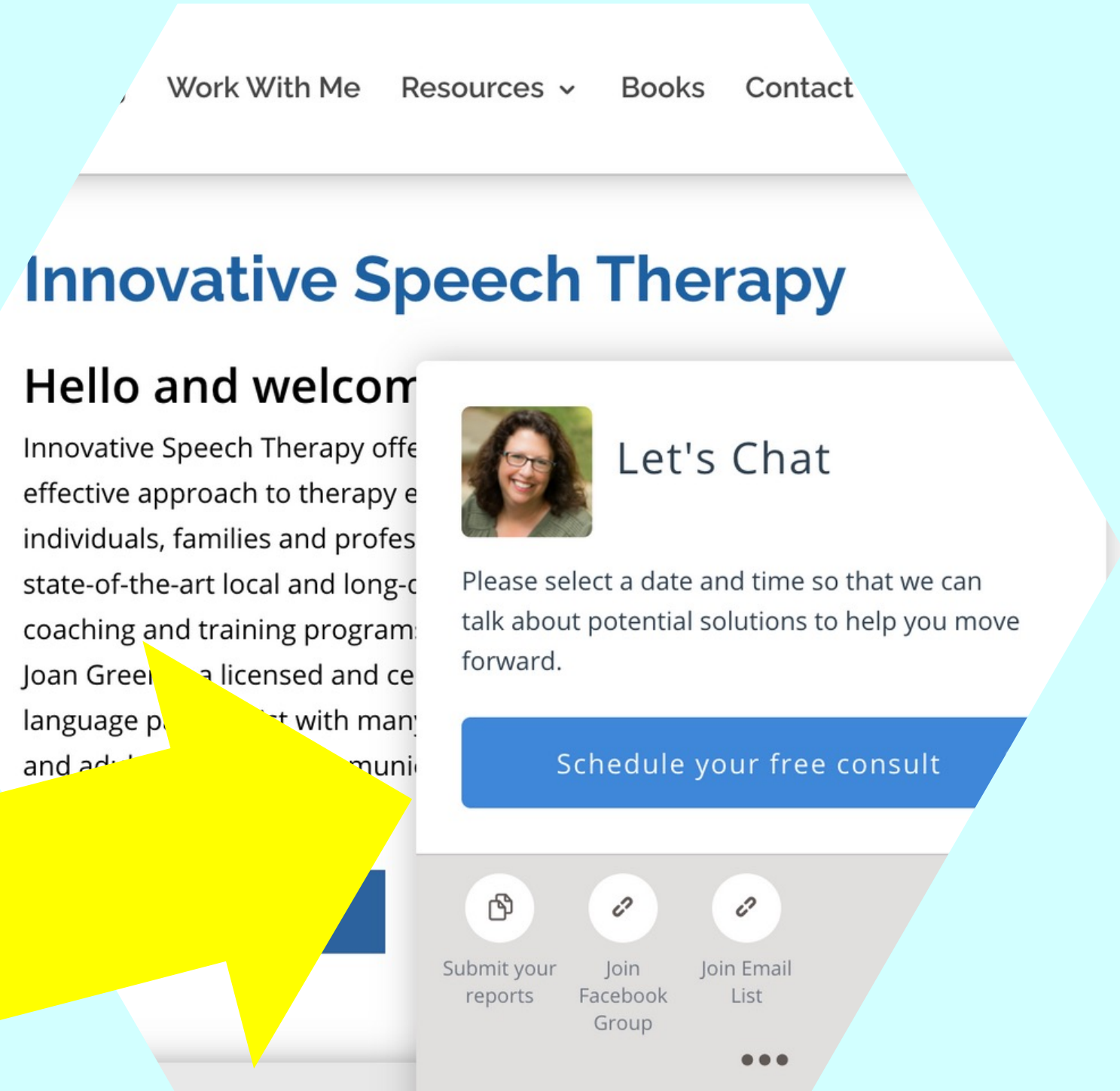
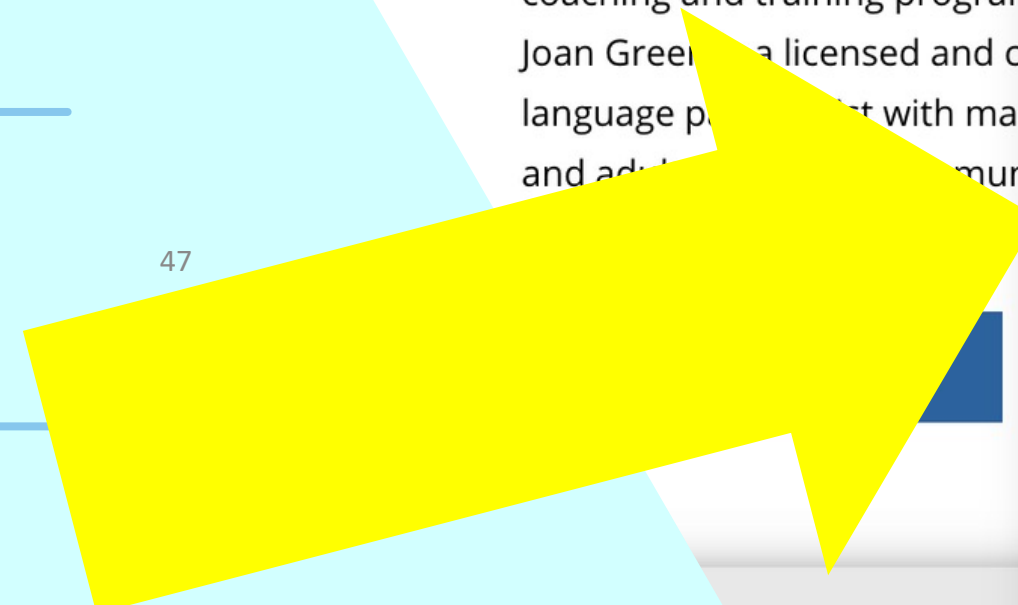
Free 15 min calls

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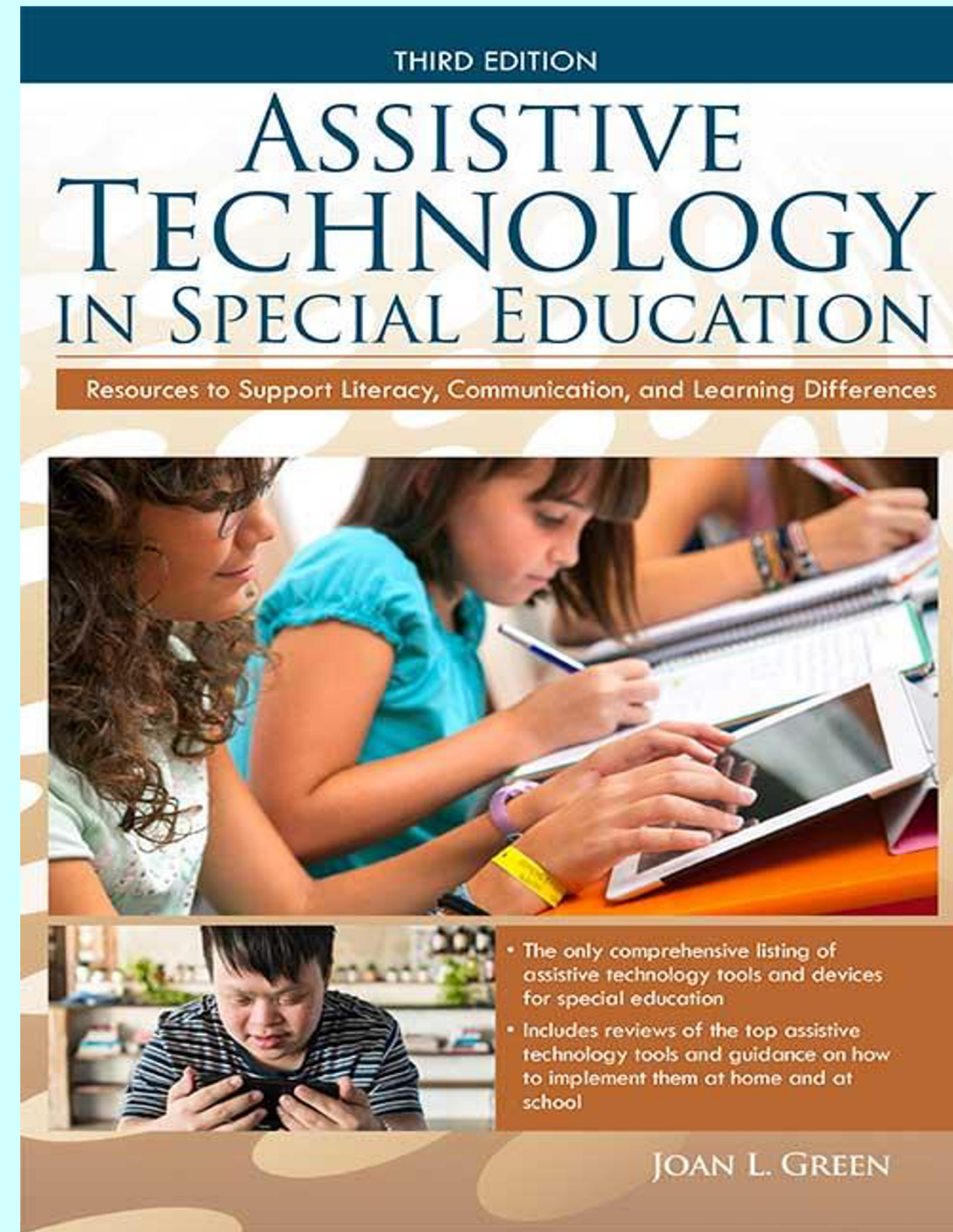
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Assistive Tech Book, 3rd Ed.

Resources to support literacy, communication
and learning differences

Available on Amazon and many other online
bookstores

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IST Tech Savvy Solutions Facebook Group

Everyone is welcome to answer a couple quick questions and join us!



<https://www.facebook.com/groups/ISTTechSavvySolutions/>