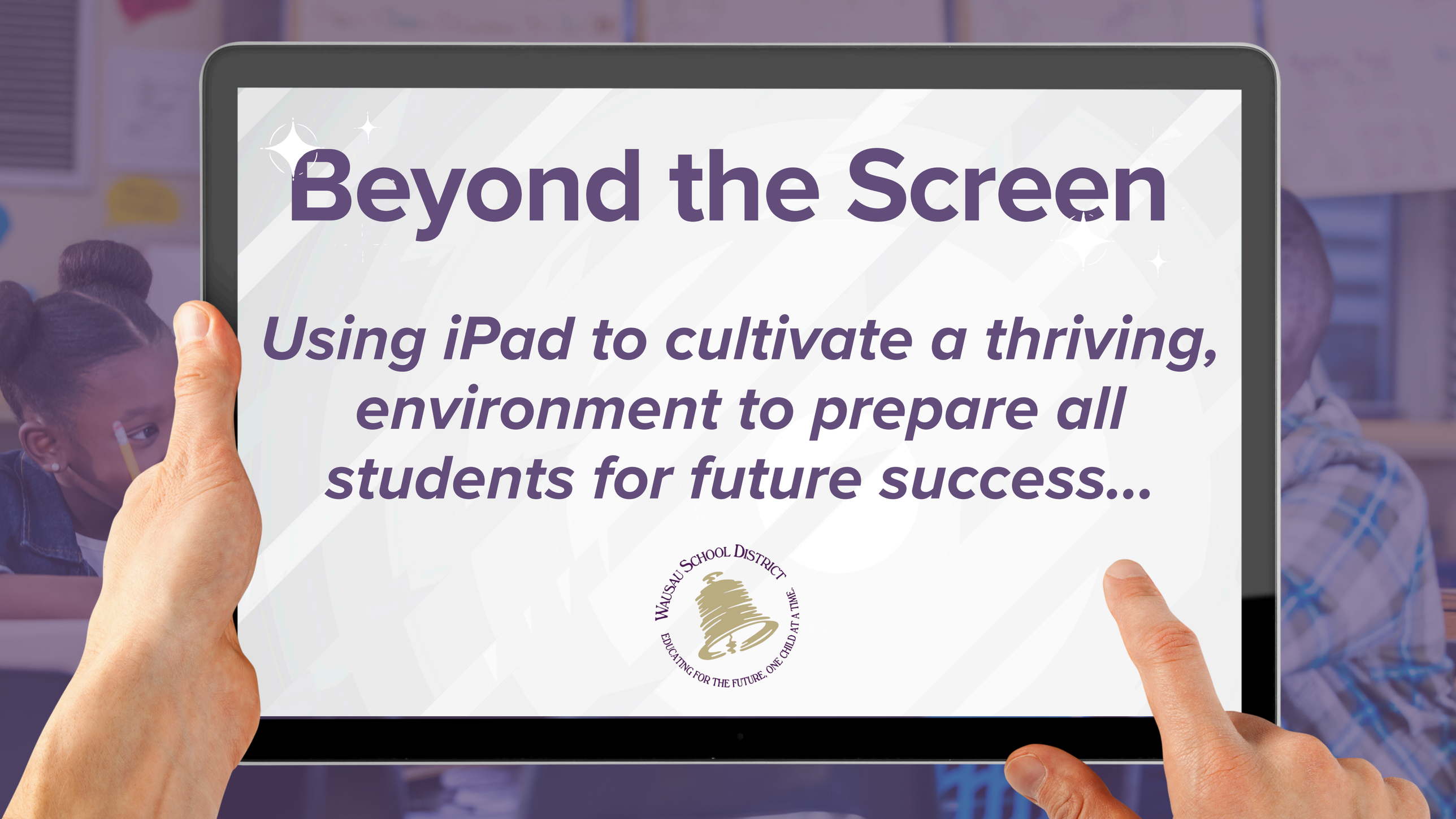
Beyond the Screen

Using iPad to cultivate a thriving, environment to prepare all students for future success...



K-12+

Instructional Technology Integration Team

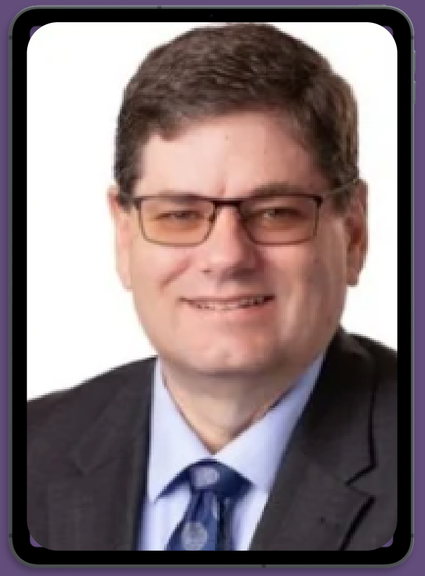
Kirsten Rock

Stephanie Zingler

Aaron Katzmarek

Melissa Piette

Director of Technology & Media Services



Ralph Williams

Jeremy Jaeger

Accessibility Advocate

WE BELIEVE

Great learning occurs when learners are ***continuously engaged*** in making ***meaningful connections*** to their ***personal position***, including ***interests & abilities***, being ***challenged*** through ***risk taking*** while ***embracing failure*** and ***celebrating successes***.

THE GOAL

For Students to: Create, Critically Think, Communicate & Collaborate

“Digital” Know?

iPads support growth with ALL K-5 students by...

- ***Integrating*** *District/State Curricular Resources (K-5)*
- ***Igniting*** *Active Engagement*
- ***Cultivating*** *Creative Expression*
- ***Fostering*** *Access, Engagement and Belonging*
- ***Building*** *Foundational, Essential & Lifelong Technology Skills*

Not all “screen-time” is created equal.

The importance of facilitating ***Active*** ***vs*** ***Passive*** ***screen-time*** *is a common conversation with our building teachers & integrationists.*

Digital Resources Required by District/State

3rd-5th Grades:

Library Apps

FOSS

K-5 Technology I Can Statements

Really Great Reading

aimsweb PLUS

+

Wisconsin Forward Exam

Adds Forward Exam Testing in Spring

2nd Grade:

Library Apps

FOSS

K-5 Technology I Can Statements

Really Great Reading

+

aimsweb PLUS

Adds Aimsweb screener 3 times per year

KG & 1st Grade:

Library Apps

FOSS

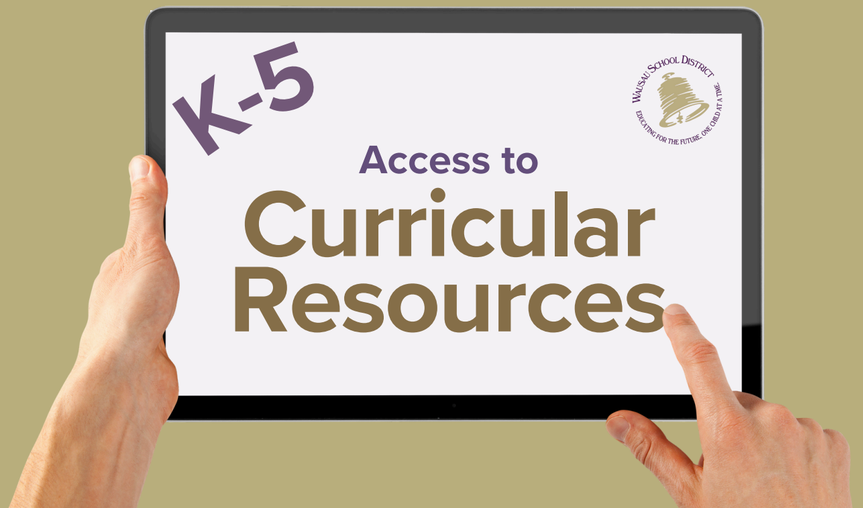
K-5 Technology I Can Statements

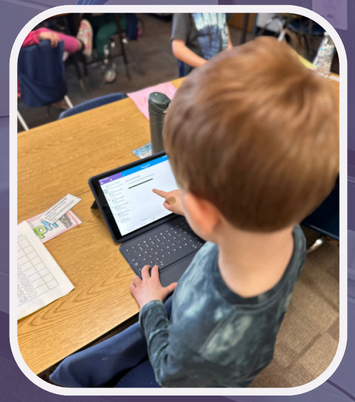
Really Great Reading

Base Resources

K-5 Access to Consistent Digital Resources to Support Teacher and Learner Workflows

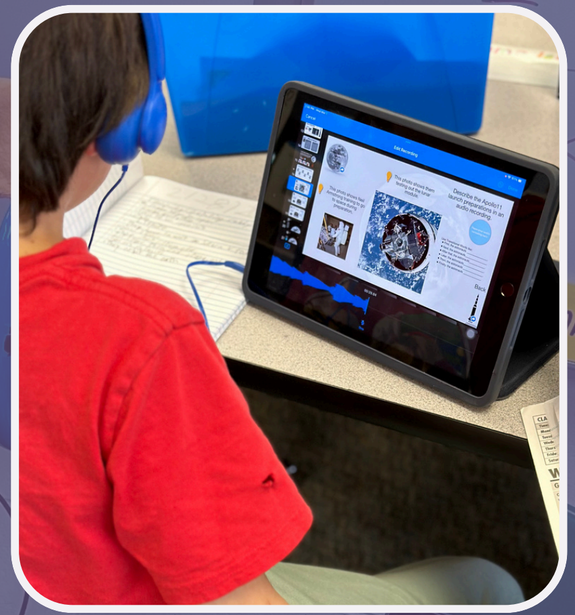
Built-in (free) Collaboration and Management tools





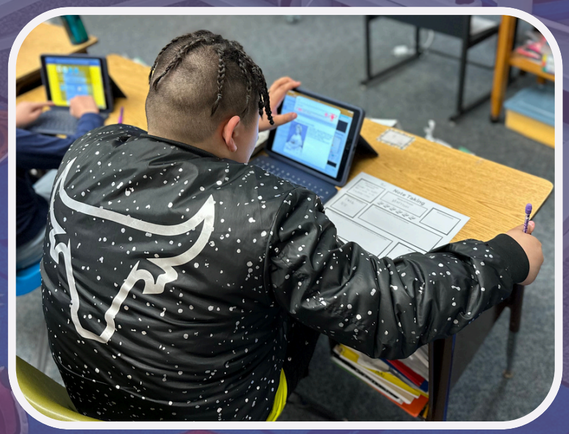
A 2nd grader using Canvas to work through a learning module.

A 1st grader working on a Leader in Me Portfolio.

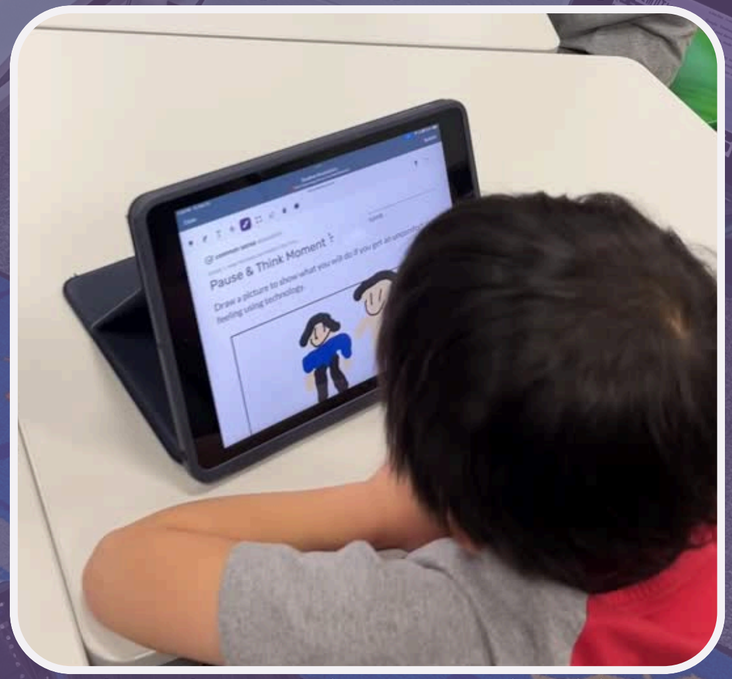


3rd grader recording an audio file to accompany their writing in a Living Timeline through Keynote App.

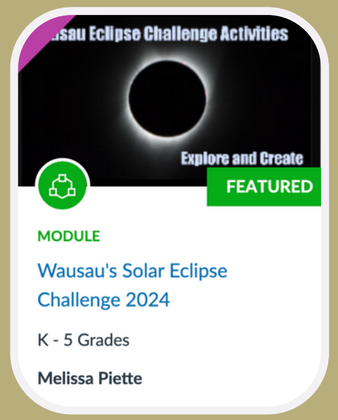
A 5th grader taking notes while using a digital resource.



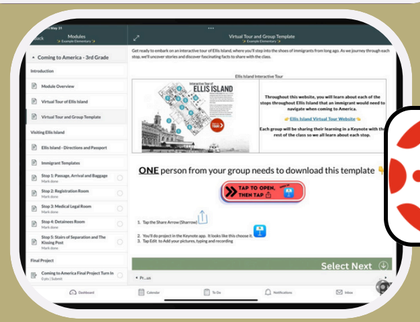
Multigrade levels collaborating on their Social Emotional Reflection Journals.



1st grader completing an annotation Digital Citizenship Assignment through Canvas.

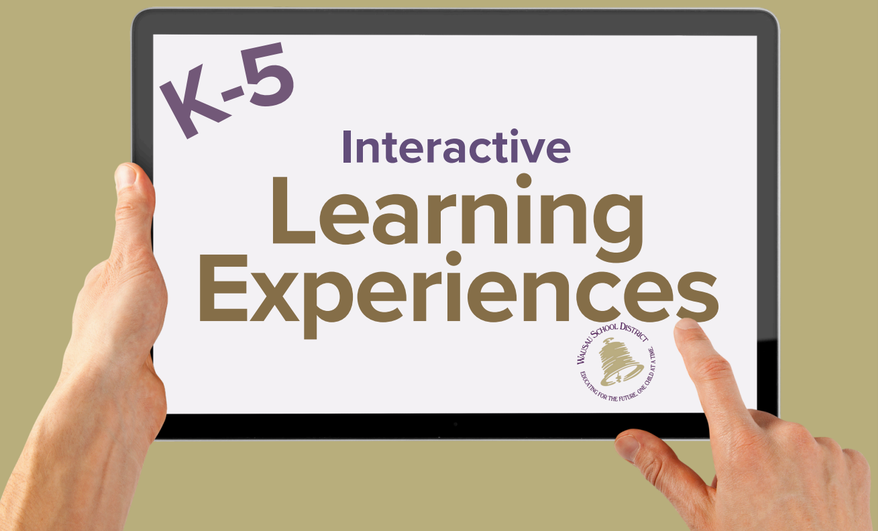


Instructional Integration Team shares special activity and curricular creations through the Canvas Commons.

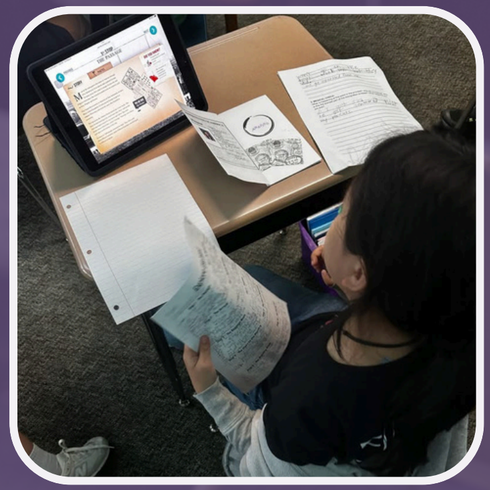


Canvas is becoming a “hub” of resources for teachers and learners.

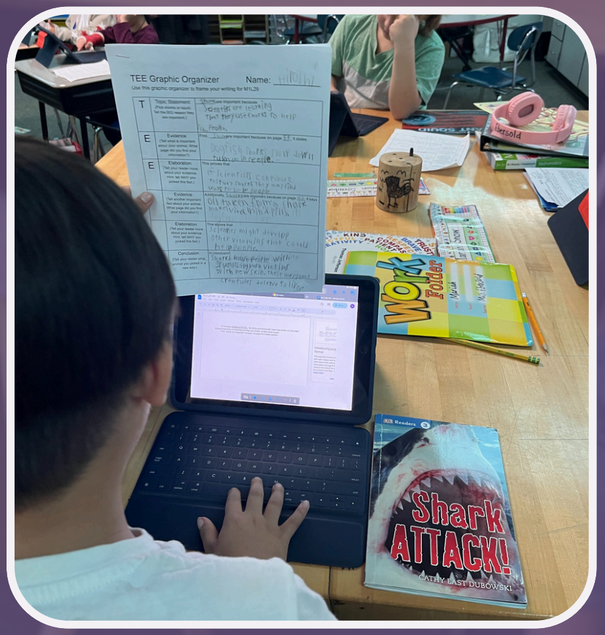
Family Connection



Kindergarten students using Canvas annotation assignments to support multiple means of practice.



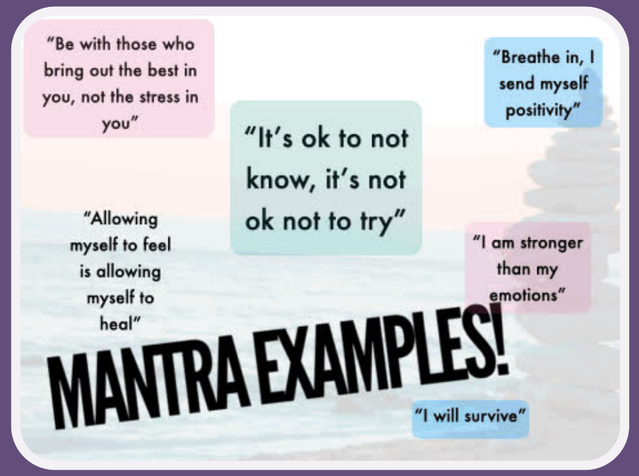
Student using iPad as a “partner in the learning” to reference additional teacher shared resources.



3rd Grade student using a traditional graphic organizer note sheet to word process their End of Module Task in Wit in Wisdom.

5th Grade Student using traditional means to create an interactive story about Clara Barton.

4th Grade Students using a split screen on iPad to support their written expression.



Example of a Learning Template for 3-5 helping them to develop and document regulation strategies.

A 3rd grade learner's Living Timeline project

Student using Smithsonian's Free JFK Moonshot AR app

A 3rd grader's End of Module immigration reflection journal

Built in Accessibility Features - No Extra Cost

Universally Available

Tools for Learning: Reading

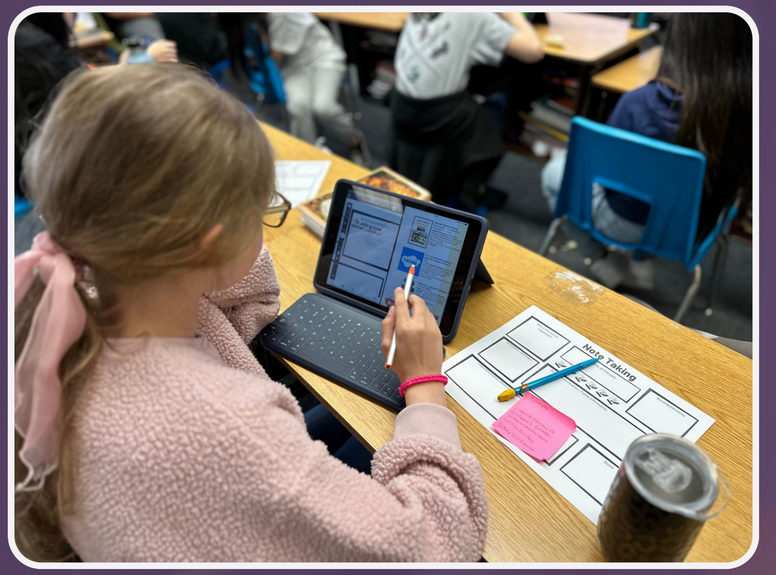
Tools for Learning: Writin

Tools for Learning: Creat

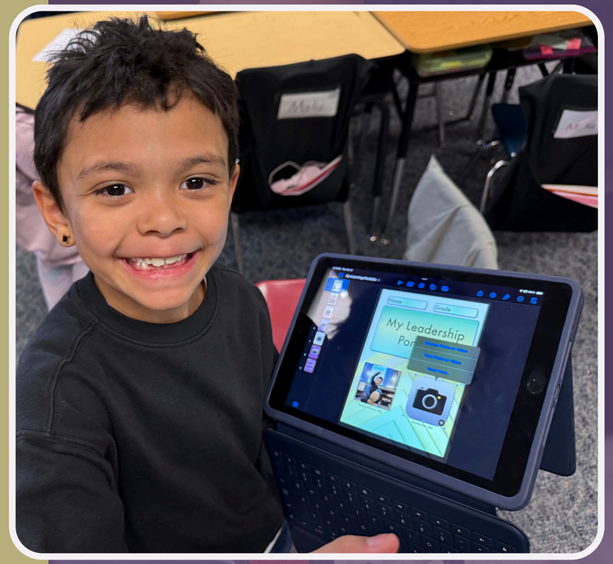
Teaching videos for text to speech, speech to text and predictive text

A specialized learning template for students to practice their language articulation strategies.

Multi grade levels sharing Social Emotional Learning Journals.

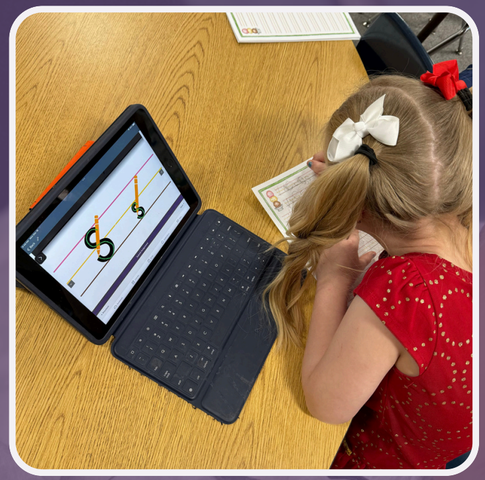


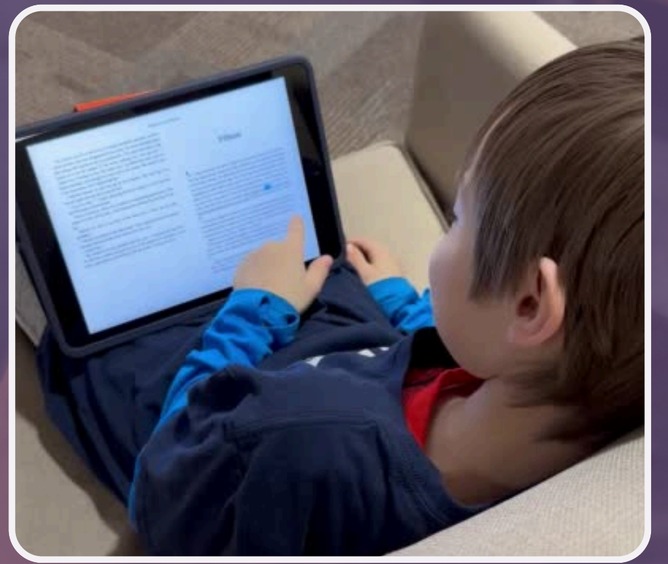
5th Grade student using Split Screen on iPad along with traditional means to accomplish learning goals.



1st grade student using free Keynote app with a District created template to begin their Leadership Portfolio.

Student using iPad and Canvas Student app to reference correct letter formation in Canvas while practicing in a traditional format.





Student using built in free text to speech with dual synchronous highlighting to access & read grade level text.

WISCONSIN STANDARDS FOR
Information and Technology Literacy (ITL)

WISCONSIN DEPARTMENT OF PUBLIC INSTRUCTION

Kindergarten
Technology
I Can Statements

CREATIVITY
K.C1 I can create a digital drawing.
K.C2 I can create a slide or document with a photo or shape and change the text.
K.C3 I can take a photo with a purpose.

PRODUCTIVITY
K.P1 I can find the home button and swipe left and right.
K.P2 I can drag and drop items.
K.P3 I can locate the camera and take a photo and video.
K.P4 I can open and close apps.
K.P5 I can enter a username and password.

DIGITAL CITIZENSHIP
K.DC1 I know what private information is. (Phone number, address, name, etc.)

RESEARCH
...an listen to informational videos to gain ...ground knowledge on a topic of study.
...2 I can read or listen to eBooks to gain background knowledge on a topic of study.

KEYBOARDING
K.K1 I can locate the letters of the alphabet.
K.K2 I can type my name.
K.K3 I can locate emojis.
K.K4 I can locate numbers on the keyboard.
K.K5 I can use Dictation on my iPad to spell words that I'm unsure of.

APPS AND TOOLS TO SUPPORT MY LEARNING

1st Grade
Technology
I Can Statements

CREATIVITY
1.C1 I can create a slide or document with shapes, voice recording, words and images.
1.C2 I can create and edit a movie with images and video footage.

PRODUCTIVITY
1.P1 I can markup a photo.
1.P2 I can take a screenshot.
1.P3 I can exit out of apps and find the apps I am using by double-tapping the home button or swiping up.

DIGITAL CITIZENSHIP
I can use a picture dictionary given to me ...teachers to search for information.
...can keep my information private.
...can give myself credit for the work I create.

RESEARCH
...isten to informational videos to gain ...l knowledge on a topic of study.
...d or listen to eBooks to gain ...knowledge on a topic of study.

KEYBOARDING
...important words.
...special characters (! etc.)
...e to use Dictation (Speech to ...Text (Word Prediction) to ...self.

APPS AND TOOLS TO SUPPORT MY LEARNING

2nd Grade
Technology
I Can Statements

CREATIVITY
2.C1 I can create a slide or document with shapes, voice recording, words and images and videos.
2.C2 I can create and edit a movie with images and video footage using advanced editing features.
2.C3 I can create an original piece of music.

PRODUCTIVITY
2.P1 I can record a screencast.
2.P2 I can save my word and export as a photo or video.
2.P3 I can use the "Sharrow" button to move my work from app to app.
2.P4 I can submit my work using a learning management system.
2.P5 I can copy and paste.

DIGITAL CITIZENSHIP
2.DC1 I can go places safely on the internet.
2.DC2 I can create a username and password for a ...educational tool or site.
2.DC3 I can give credit to others if I use their wo...
...DC4 I can create a message to send via ema...

RESEARCH
I can use technology to help me orga...
...mation.
...can annotate digital text by highli...
...tant information.
...can use speech to text or Spoke...
...t/Speech Controller to access ...ting.

KEYBOARDING
...type a sentence.
...use a word processin...
...cument.
...ontinue to use Di...
...self.

APPS AND TOOLS TO SUPPORT MY LEARNING

3rd Grade
Technology
I Can Statements

CREATIVITY
3.C1 I can create a sketchnote.
3.C2 I can create and edit a movie with images and video footage using advanced editing features and adding original music.

PRODUCTIVITY
3.P1 I can use two apps at once using split screen.
3.P2 I can organize my apps into folders.
3.P3 I can collaborate digitally on a project.
3.P4 I can problem solve if there's a problem with my iPad.
3.P5 I can make appropriate app choices to effectively communicate my ideas to a desired audience.

DIGITAL CITIZENSHIP
3.DC1 I can be a responsible digital citizen on and offline.
3.DC2 I can describe what being a digital citizen means.
3.DC3 I can explain the definition of plagarism.

RESEARCH
3.R1 I can use technology to organize information.
3.R2 I can annotate digital text by highlighting important information and adding comments or post-it notes.
3.R3 I can locate (and use keywords to find) information on my own to support a topic I am studying.

KEYBOARDING
3.K1 I can type 2 or more paragraphs.
3.K2 I can use the basic text editing features in a word processing app to edit my writing and style of my words.
3.K3 I can add text editing features to my writing to emphasize key points and details.

APPS AND TOOLS TO SUPPORT MY LEARNING

4th Grade
Technology
I Can Statements

CREATIVITY
4.C1 I can create a piece of multimedia content, using multiple apps, with minimal directions.
4.C2 I can create a presentation using pictures, video and audio to share my new learning.
4.C3 I can publish my writing by creating a multi-touch book that includes original images, video and audio.

PRODUCTIVITY
4.P1 I can communicate digitally and appropriately with my teacher and other students.
4.P2 I can digitally revise and resubmit my work.

DIGITAL CITIZENSHIP
4.DC1 I can explain the differences between personal information that is safe to share and private information that is not safe to share.
4.DC2 I know, when I encounter cyberbullying and how ...report this to my teachers or caregivers.
...C3 I can write a citation to give others formal credit ...n I use their work with my work.

RESEARCH
...an locate information on my own to support a ...m studying.
...use digital tools to annotate a digital text.
...evaluate online sources and determine if ...redible.

KEYBOARDING
...derstand how text boxes work differently ...irectly in a document.
...more advanced text editing features in ...g app to edit my writing and style of

APPS AND TOOLS TO SUPPORT MY LEARNING

5th Grade
Technology
I Can Statements

CREATIVITY
5.C1 I can design and create an original piece of multimedia content using multiple apps.
5.C2 I can create a presentation using pictures, video and audio to share my learning without teacher support.
5.C3 I can publish my writing in a Multi-Touch book that includes original images, video and audio without teacher support.

PRODUCTIVITY
...P1 I can customize my Control Center with the ...rtcuts and commands I use the most.
...I can go into Settings and make any necessary ...ges to display, sound, etc.

DIGITAL CITIZENSHIP
...an brainstorm multiple ways to respond to ...ying.
...advocate against cyberbullying and ...report it when I see it.

RESEARCH
...y sources using an accepted citation

...g
...y and efficiently use all of the text ...in a word processing app to edit ...of words.
...options for communicating my ...on screen or hardwired

APPS AND TOOLS TO SUPPORT MY LEARNING

Teacher Endorsed

K-5 Technology I Can Statements

Our Current Fleet:

- 8th Generation, ***32 GB iPads***
  - ***3 Generations Behind***
- Logitech Rugged Case with Keyboard
- Logitech Crayon (1:1 Issued)
- Built in, **Free** Accessibility Tools

Our Challenges with Current Fleet:

- ***Storage Issues:***
  - Devices unable to update without direct technical team intervention
    - Per Device Average Time: >15-40 min.
  - Each iOS Update Size Increases
  - Maintaining current iOS Critical to Access:
    - Apple Classroom- Classroom Mgmt.
    - State Testing
    - Curricular Resources
    - Collaboration- Teacher & Student
    - **Security:** Requires Latest iOS

WIFI connection Issues

Our Challenges with Current Fleet:

- ***Storage Issues:***
  - Devices unable to update without direct technical team intervention
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    - Apple Classroom- Classroom Mgmt.
    - State Testing
    - Curricular Resources
    - Collaboration- Teacher & Student
    - **Security:** Requires Latest iOS

WIFI connection Issues

Our Challenges Cont...

- **Manually managing updates for approximately 20% of current fleet.**
  - 100 iPads per building have less than 4 GB left of storage.
  - Building Level Technical Aides (BLTAs) are on a rotating schedule.
    - Wait time for updates - when BLTA is in the building

=

Lost instructional time.

Option 1:
Status Quo

OR

Option 2:
Apple Leasing

OR

Option 3:
Purchase

Option 1: Status Quo

WITH OUR CURRENT FLEET

PROS	CONS
Delay spending: $250,000	Delaying would decrease iPad value by 50% (-$150,000) iOS Update may not be possible Effects will be: • Increased IT Support @ an approximate cost of $10,000 • Security concerns • Resource incompatibility ◦ State Testing Concerns • Teacher frustration • Loss of instructional time and access iPad Price volatility for next year?

APPLE LEASE

Option 2: Apple Lease

PROS	CONS
Apple Lease Agreement **Sell** our current fleet of iPads for $306,985 and apply to lease **Remaining** lease amount over 4 years at at budgeted $250,610.95 for 0% interest **Funding Source:** Use allocated Technology budget money or funds designated for Technology from the 2022 referendum EFFECTS WILL BE • **Fleet Updated** • **Security** • **Resource Compatibility** • **Increased IT Support concerns eliminated.**	**4-Year Technology Budget Commitment**

Option 3: Purchase

PURCHASE

PROS	CONS
Purchase iPads **Sell** our current fleet of iPads for $306,985 **Use** the funds designated for Technology from the 2022 referendum for the remainder of the purchase EFFECTS WILL BE • Fleet Updated • Security • Resource Compatibility • Increased IT Support concerns eliminated	**Loss of using Apple's 0% financing for 4 years**

Purchase of iPad Cases

- Existing cases are incompatible with the new iPad fleet.
- Ensuring the protection of the iPads is essential.
- Familiarity with and utilization of a keyboard is a requirement for both our District and State standards.

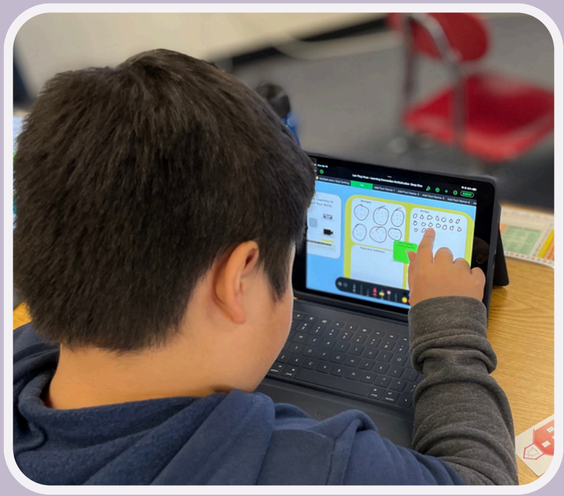
Use funds designated for Technology in the 2022 referendum for this purchase up to $400,000

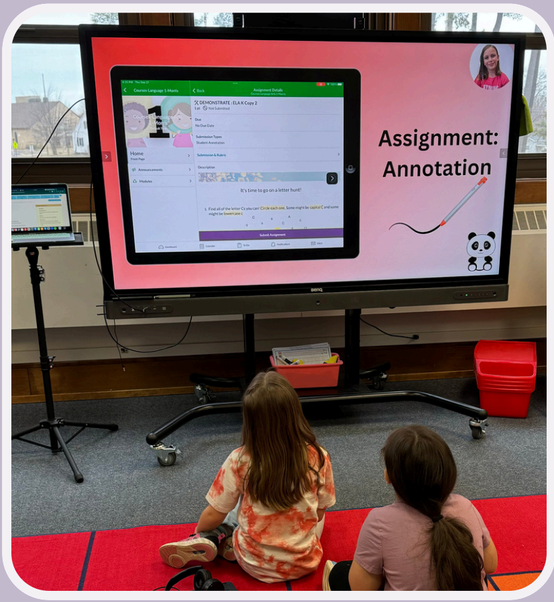
Recommendation:

- Aquire iPads with either option 2 or option 3

WAUSAU SCHOOL DISTRICT

EDUCATING FOR THE FUTURE, ONE CHILD AT A TIME.





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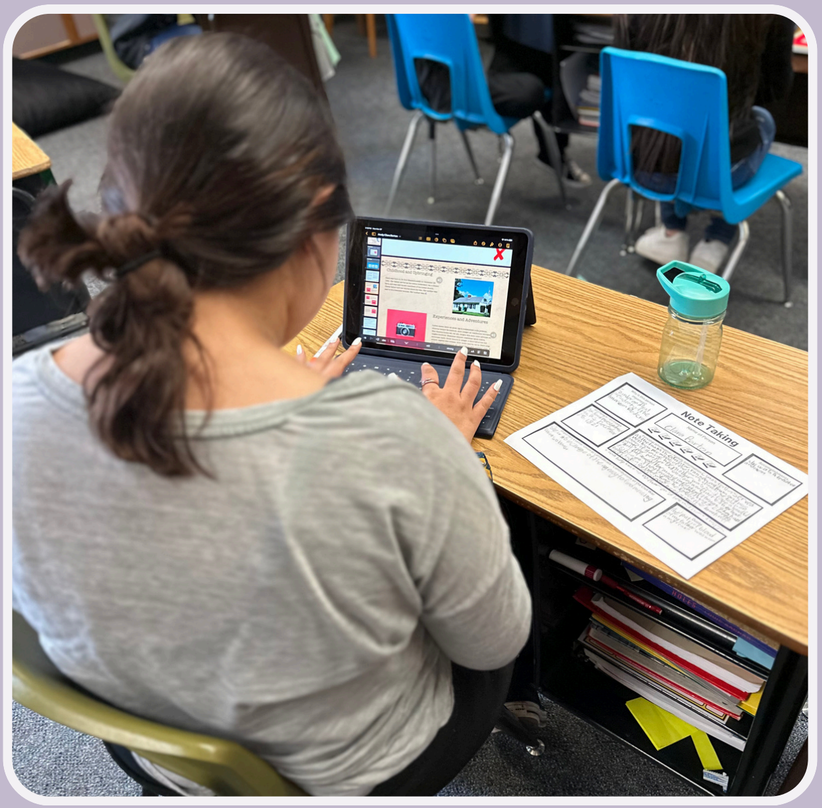
Thank you.