 Authentic Technology Integration in Early Elementary

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Beginning of the year

- Procedures
- Camera
- Class Rules
- Logistics

Trust cards
- English
- Spanish
Technology We Love for Early Elementary
When Using Technology

Criteria to consider

- it takes student thinking to higher levels
- it allows for collaboration
- it helps students evaluate their own learning
- it encourages creativity
- it allows for differentiation to accommodate scholar’s different abilities and needs
- it can be used for formal or informal assessment
- it helps construct meaning between an assignment and a skill
Ideas for Recording

● Position of where the iPad is near their face.
● “Go to your recording spot”
● Go in a circle at your table one at a time to record.
● Giving each other feedback can help them understand the loudness or softness of their voice.
● Play back videos for students to give feedback on quality of sound.

Designed recording spot
Using Technology to Promote Student Voice
Menus

We use our iPads to offer students menus to choose activities from. Not all menu choices are digital, there are both digital and unplugged choices available to students.
Emoji Feedback

Love getting immediate feedback from my kids about math workshop. They choose where they want to work & after give feedback with 1 emoji. Seeing some patterns helps me plan what’s next! @canSTEM

#gcisdmath #kindercubs

We piloted doing flexible grouping in math workshop this year in kinder @canSTEM & we’re excited to get feedback from our scholars! Ss were assessed & grouped before each unit, but getting specific feedback about how they’re feeling is so valuable.

#gcisdmath #BeCannonProud

After listening to my Ss feedback, I added more games to our math workshop. First day EVERY student left positive (emoji😊) feedback on their math menus in @Seesaw!

#studentvoice #gcisdmath #gcisdVALUE @canSTEM
Finding & Using Student's Interests

Pokémon

Try it out! Go to www.flipgrid.com and enter code: PETTIT3351
Science
Forms of Energy

Heat

Seesaw Example Students helping each other

Extension to Animal Characteristics
Objects in the sky

While studying objects in the sky we got to go outside and see what shapes we could find in the clouds 🌥️ Mientras estudiamos objetos en el cielo, salimos para ver qué formas encontrábamos en las nubes.
#cannonproud #orgulloccannon @canSTEM
Animal Characteristics

Informal assessment-identifying types of energy
Living and nonliving

Forms of energy

The simple ones are the best! Great work. RT @Miss_Luepnitz: Testing our energy knowledge @canSTEM with Popplet and emojis!
Patterns of Movement & Positional Words
Patterns of Movement
Live streaming

Life Cycles
Set up by campus technology

Getting to see our chicks growth! 🐦 ¡Viendo el crecimiento de nuestros pollitos! #OrgulloCannon #CannonProud @canSTEM

Heat
Mirroring

¡Experimentando con los efectos del calor! @canSTEM calor
Live streaming

https://www.dickpritchettrealestate.com/eagle-feed.html
Animal Research

Starting our animal research! / ¡Empezando nuestra investigación sobre animales! #beCannonProud #OrgulloCannon @canSTEM
Math
Got to stop by @pettit73’s room and I had to share! Amazing math activity! Students got to think, use their imagination and share by explaining their thinking with their classmates! #GCISDValor @canSTEM

There is a barn. Through the barn door, you can see 14 legs. What animals could be in the barn?

What I’m learning from math talks—when given the opportunity, Ss almost always choose the most appropriate challenge for themselves without prompting.

Make your own ladybug math picture!

One ladybug had 10 spots all together. What could this look like?

Seesaw Example
Places for teacher to get images:

- [https://mathbeforebed.com/](https://mathbeforebed.com/)
- [http://ntimages.weebly.com/photos.html](http://ntimages.weebly.com/photos.html)
Word Problems

1. Mommy had 5 apples. Sissy took away 3. How many are left?

2. I had 10 toy cars. I gave 4 away. How many are left?

Camille had 10 puppies.

Three people adopted puppies.

How many are left?
Today in math workshop scholars used the #patternshapesapp to make a picture & upload to @Seesaw where they labeled, counted & identified shapes. 😊 their creativity!! @canSTEM gcisdmath
Makey-Makey
Building Numbers to 10

https://scratch.mit.edu/projects/155186338/#editor
Writing Numbers

We're using #ozobots to practice writing our numbers!
@canSTEM #kindercubs #gcisdValor #gcisdMath
Computer skills
Practicando nuestros números y formas / Working on our numbers and shapes with @PlayOsmo @canSTEM
Number line predictions with Think Central

Who knew we would get so excited for a number line competition!
#GCISDdreamcamp

Graphing: Creating our own questions

¡Disfrutamos fingir ser la maestra/o y hacerle preguntas a nuestros compañeros! / Students love to pretend being the teacher and ask they classmates graph questions! @canSTEM #BeCannonProud
Reading Response

Vocabsnaps

Beauty and the Beak
By Deborah Lee Rose, Jane Veithamp

#booksnaps

It is like butee and the best.

I like halcoder.

they have compown wrd

They have a snek.

My name is fuzzy. To
move around I roll places.
I
love to read, sleep and
play outside.

they have a vow teem
Letter/Word Work

Letter ID
practice/automaticity

Sharing to Home
Digital Writing Friday Student Directions

I like Charles and he's the best.

Today I will have a haircut.
Writing Digital Books

Student Example 1 | 2 | 3
Fairy Tales—Retelling a Story
Story Mapping

Valerie Heard @HappyHeard · 7 Dec 2018
My class shared their Cubetto expertise and personal maps they made with their first grade peers this week. They were so proud of their work and some even realized “teaching is hard” @canSTEM #BeCannonProud
Weather and Dinosaur Reports

Ha Dinh @MrsDinh1 · May 9
What better way to practice writing and reading scripts than to make our own news report on Dinosaurs on the Loose in Grapevine after researching about dinosaurs on PebbleGo! @canstem beCannonProud

Ha Dinh @MrsDinh1 · May 17
We got to film our Weather and Dinosaur Reports today using the Green Screen in our school’s recording studio! Thank you, @Jvorachard for helping make this possible! @canstem beCannonProud
Google Slides

Sentence structure

¡Practicando lectura, escritura y composición de enunciados! @canSTEM

High frequency words

Playing a friendly game of knockout with our sight words! @canSTEM
Google Expeditions
Fiction and Nonfiction
Using Technology to Reach a Larger Audience
Talk to an expert

Hispanic Heritage / Travel
Aprendiendo sobre viajes, ¡gracias por llevarnos con ustedes! Learning about traveling, thank you for letting us join @CLuepnitz! @canSTEM #BeCannonProud #neverstopexploring

Engineering week
Thank you Mr. @CaseySprague for answering our questions! ¡Gracias por contestar nuestras preguntas Mr. Sprague! #cannonproud #orgullocannon #planes #computers @canSTEM

Heat and light Energy
We are so excited about our stained glass! Thank you @DoughneyJ for your time, patience and dedication! @canSTEM
We’re using @Flipgrid to collect questions about bald eagles. If you have a question, please visit flipgrid.com/4bc574 and we’ll research it & then tweet our response! @canSTEM

We’re beginning to answer our @Flipgrid questions! In response to: “What do bald eagles eat?” Thank you @MrsMeganKozar for joining our Flipgrid! 😊😊
@canstem app.seesaw.me/pages/shared_i...

Student Response via Seesaw
Google Classroom
<table>
<thead>
<tr>
<th>Starfall</th>
<th>iStation</th>
<th>ABCYa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raz-Kids</td>
<td>BrainPOP Jr.</td>
<td>Reading A to Z</td>
</tr>
<tr>
<td>IXL</td>
<td>Spelling Words</td>
<td></td>
</tr>
</tbody>
</table>

https://go.pl/forms/26hr9hYPIp1tDc1j3
When you’re ready to use Seesaw with students, they should follow these instructions to sign in.

1. Open the Seesaw Class app on iOS or Android. Or go to app.seesaw.me on any computer in Chrome or Firefox browser.

2. Choose I’m a Student.
Tech Collaboration
If you have a minute, please share your favorite tech to use in your classroom!

Feedback
You can always leave us feedback on Sched, but we would love specific anonymous feedback if you have time!
THANKS!

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That was fun, let’s do it again sometime 😊