D90 Instructional Technology Overview

Kevin Martin - Technology Director

Shanna Castillo - K4 Instructional Technology Specialist

Annmarie Clasky - Roosevelt Instructional Technology Specialist

D90 Technology Vision of Learning

To create and support equitable access to relevant, innovative technologies and robust infrastructure within flexible learning environments for all stakeholders to become:

- Empowered Learners
- Positive Digital Citizens
- Knowledge Constructors
- Innovative Designers
- Computational Thinkers
- Creative Communicators
- Global Collaborators

Lincoln & Willard Elementary Schools

Seesaw

- Engaging & Interactive learning available for each class
- Empower student voice, critical thinking
- Digital Portfolio
- Communication Tool

FAMILY

Seesaw

Seesaw

Literacy

Literacy

Keynote

Literacy

Math

Perimeter with Dash

Jobs

-Coder
-Measure
-Tape
-Videographer/Recorder
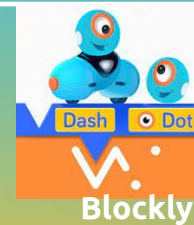
Make Rectangles

Measure and tape 2 rectangles:

- 10 cm by 40 cm rectangle
- 20 cm by 30 cm rectangle
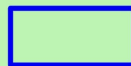
Program Dash to travel around the perimeter of each rectangle.
Film Dash moving around the perimeter of each rectangle.

What is the perimeter of each rectangle? _____ and
_____

Dash • Dot

Blockly

Math

AR Makr
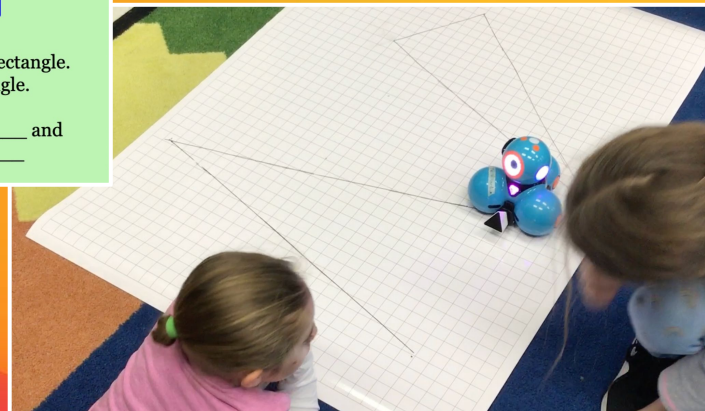
Math

Osmo Numbers

Writing

Buncee

Clips

The Huntress and the Wolf

Once upon a time...

Writing

Fox

Can you think of one of your friends? When people first think about this story they probably think that it's just about two friends who meet a new friend. Well I've come to know that that's not at all what it's about and that's it's really about that the text Fox teaches readers that true friends will be there for you no matter what.

They don't give up on you. For example, when Magpie said that she didn't need or want Dogs help, he stayed with her and gave her room and space until she was better and healed and healthy again, and when she was, Magpie hops on Dogs back and Dog starts running and racing like the wind then Magpie says "Fly, Dog,fly! I will be your missing eye and you will be my missing wings." True friends will always be there for you no matter what they don't give up on you.

They help you when you need it. In other words, when Magpie was injured and said she didn't didn't need or want dogs help but Dog knew she needed help so he helped her anyway. In the text it says "Days, perhaps a week later, she wakes with a rush of grief, Dog is waiting." Dog waited for Magpie for that long, and took care of her. No matter the case, true friends will always be there for you.
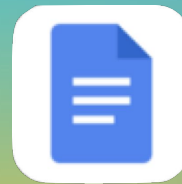
They care for you. An example of this is when Dog saw that there was someone who needed help so dog helped magpie, and once magpie was better and healthy again, Dog stayed with her and gave her a place to stay and not just to stay for a little bit, but forever, and they would stay friends forever. Therefore, they care for you no matter what true friends will always be there for you.

Many people like winter or fall because they are so magical but if you like summer you can be with your family more. You can also get healthier by working out, you can also hang out more with friends, and lastly you can have as much fun as you want in summer.

My first reason for the fun of summer is that you can get healthy. For example, playing a sport. One time I was playing in a River Forest soccer game and I got my first goal to win the game and I felt healthy from all the hard work I did. When I got home I had a healthy smoothie and felt really really good. Another reason is hiking. It can also increase your heart rate because it is hard. It can also be rocky, steep, and big and that will make you feel good when you finish and you will feel healthy. Being healthy is one reason why summer is really fun.

My second reason for the fun of summer is you can play with more friends. For example you can have more sleep overs. I have never had a sleepover with my friend but when it is summer I could maybe have one or some. Another example is you could go to the RFTC pool. So you could invite your friends to play water basketball, water polo, etc. One more example is you can play with them and do fun stuff like sports, fruit or vegetable picking, cooking lessons, and more. Playing with friends is another reason for the fun of summer.

My last reason for the fun of summer is it is fun! For example you can go on more trips. This year I went on a month-long trip to 4 places. The first one was Israel, the second one was Amsterdam, the third one was Belgium and the fourth and last one was Paris where I got stung by a wasp on my neck. That was the funnest time of my life. Another example is you could go more fruit and vegetable picking. One time my grandma and grandpa came strawberry picking 2 years ago and it was super fun. And my last example is cooking lessons. So when it is summer there is know school and most cooking lessons are open. I did one in summer and it was really
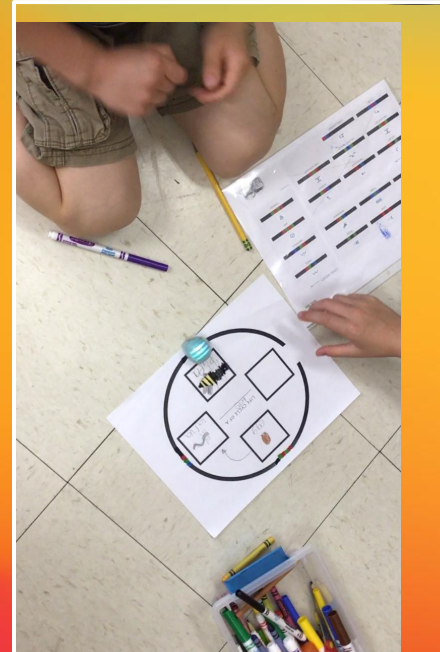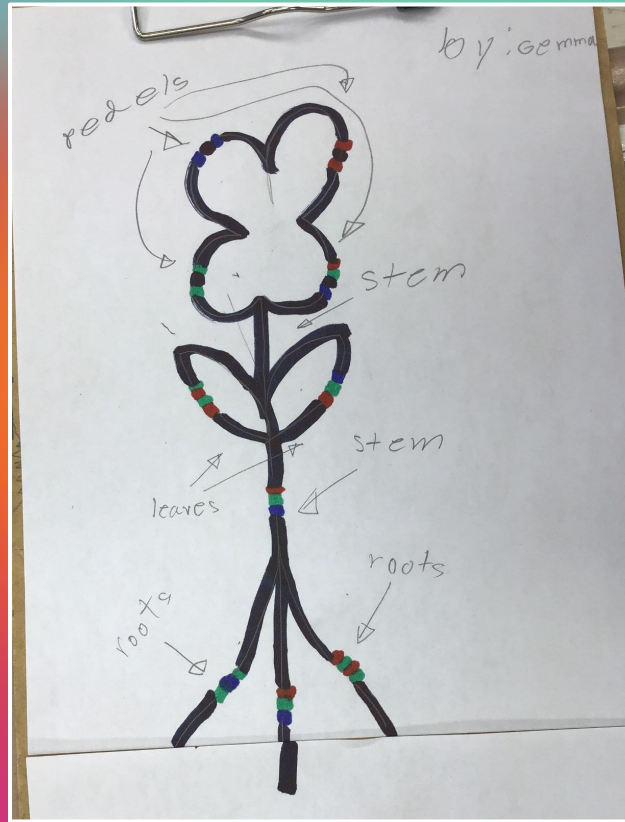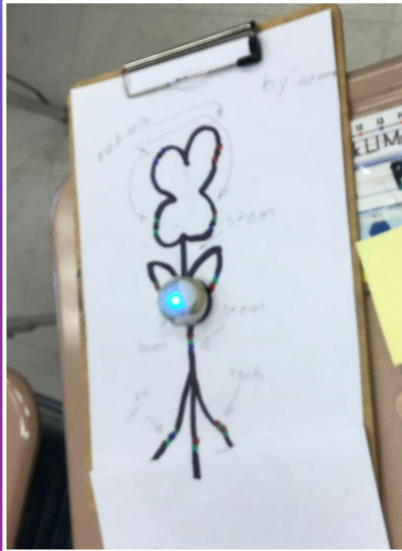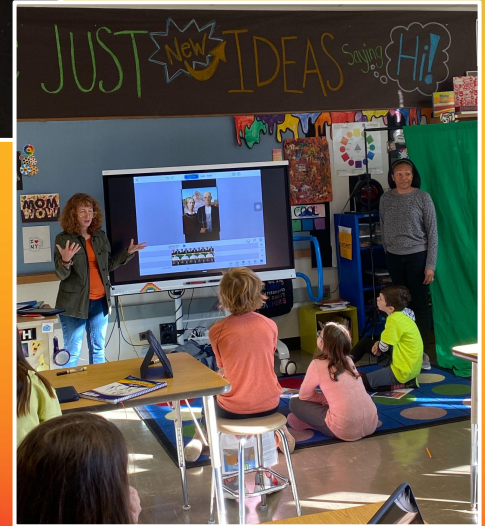
Social Studies

4

Science

15

Art

GS
DoInk

Art

17
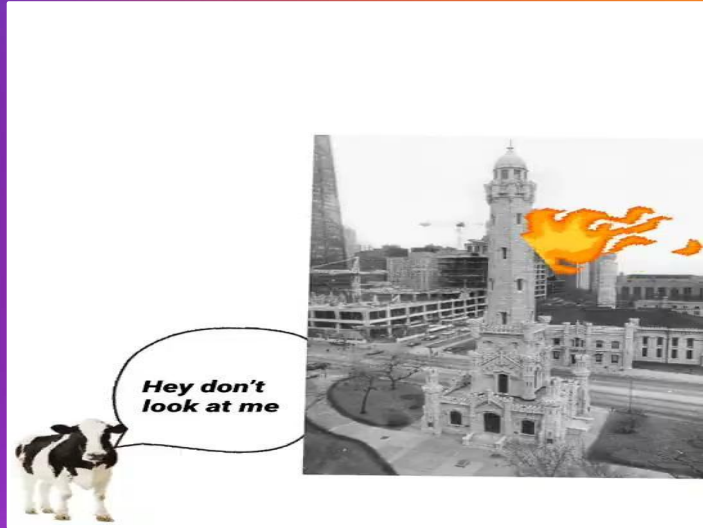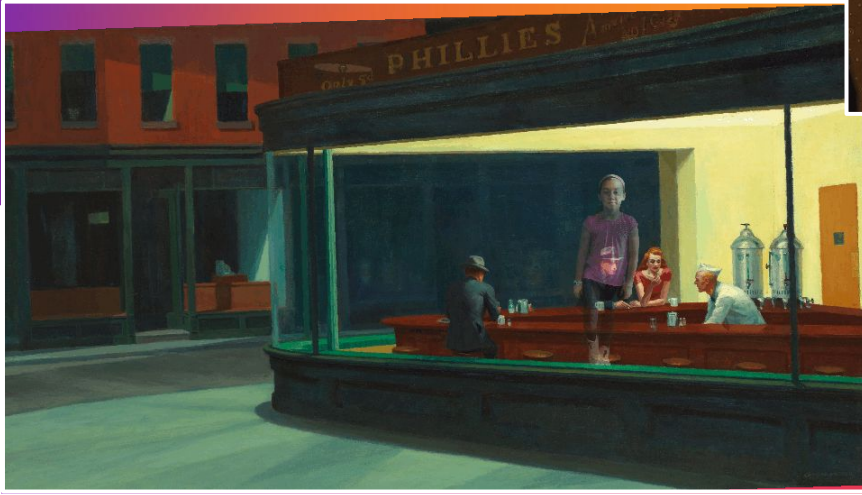
Global Communicator
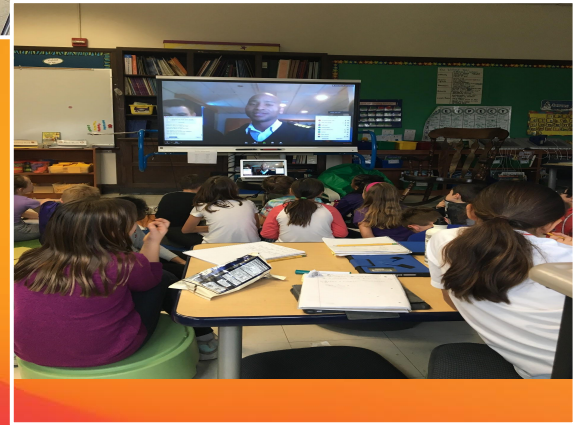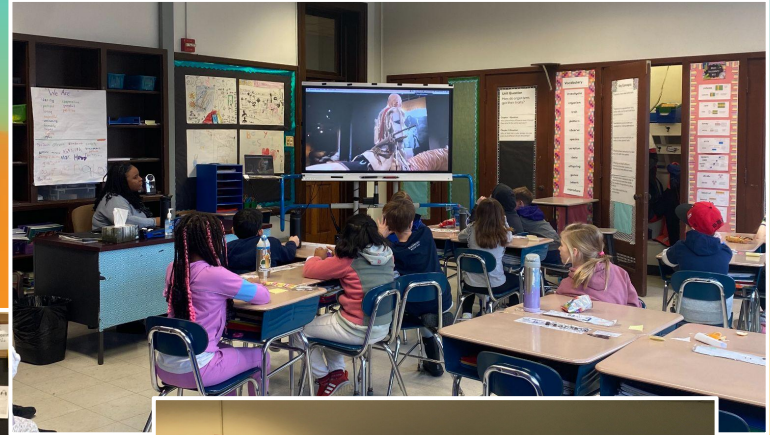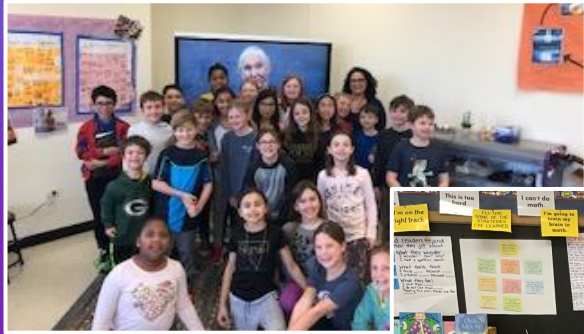
Unplugged Examples
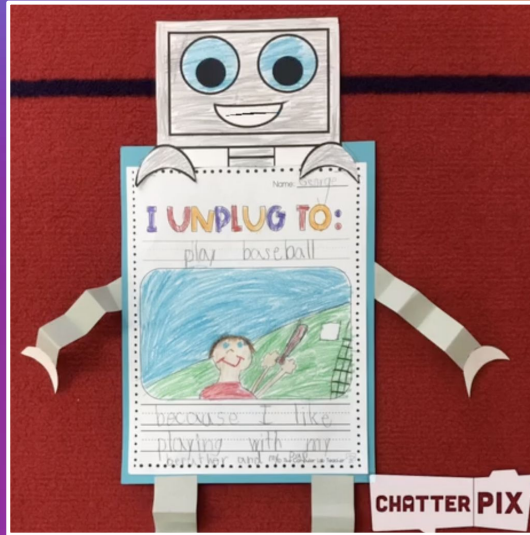
Unplugged Examples
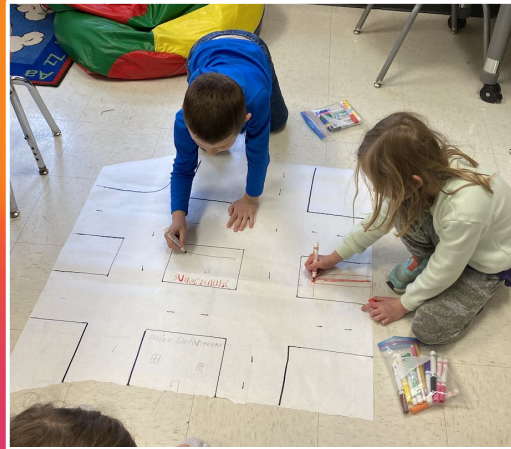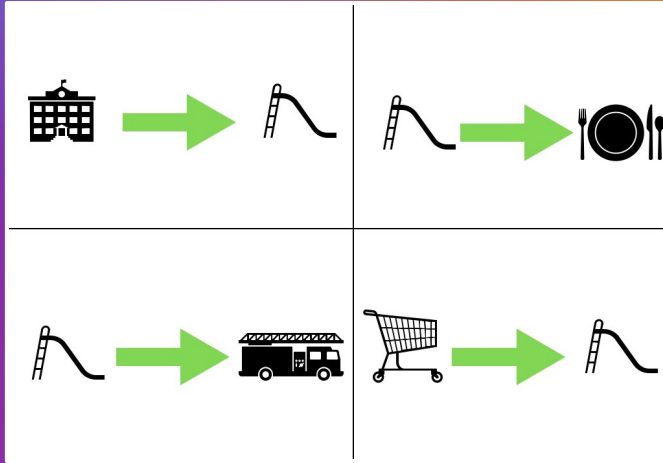
STEM

response to: 3D Printing Design to Solve Real Life Problems
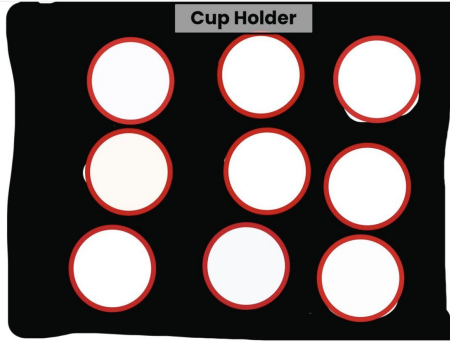
Cup Holder

I'm 3D printing a cup holder
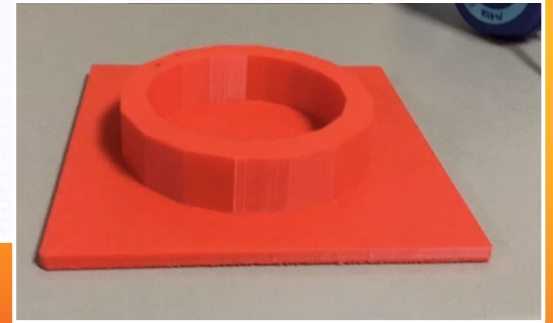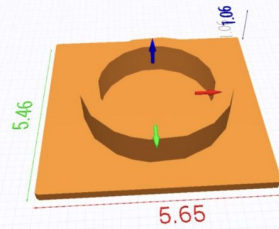
Morphi

STEM

Code.org
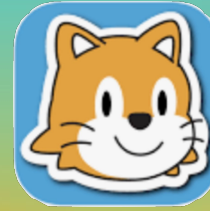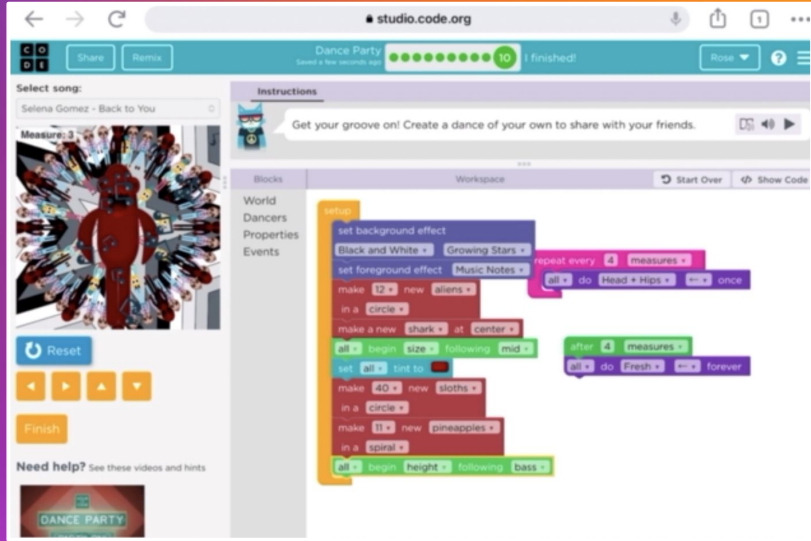
Scratch Jr

Roosevelt Middle School

Schoology

- 5-8 LMS
- Courses, assignments, grades, resources
- Direct Messaging with Teacher
- Family Access

PowerSchool

- Grades, Assignments, Scores
- Schedule
- Family Access - district emails, report cards, attendance

Notability

- Used 5-8
- Note taking, annotation
- Audio recording
- Note organization

Feliz
(Happy)

World Languages

FRENCH
CONJUGATION NATION

ITALIAN
CONJUGATION NATION

SPANISH
CONJUGATION NATION

Conjugation Nation
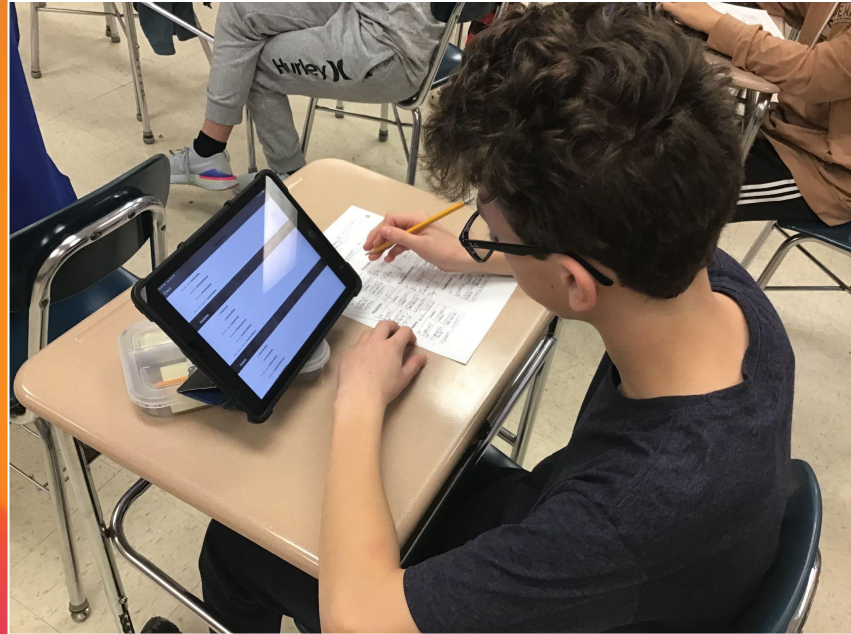
French, 8th grade

Keynote

Strip Designer

28
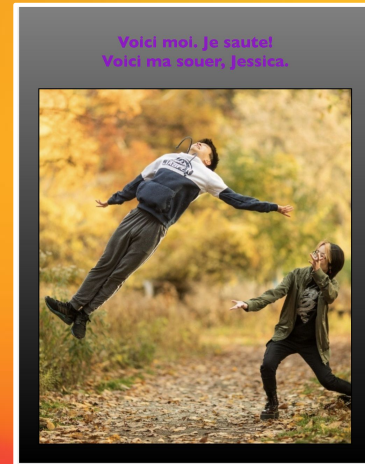
Math, 7th grade

Classkick app

Cups of Sugar	Cups of Flour
2	5
6	15
8	20
1	$\frac{5}{2} = 2\frac{1}{2}$
$\frac{2}{5}$	1

Determine TWO constant of proportionalities (unit rates)? Include a label.

Look at the table and see how much flour is needed for 1 cup of sugar.

1 cup of flour per cups of sugar.

$\frac{2}{5}$ cups of sugar per cups of flour.

Write an equation that shows the relationship between sugar and flour.

Please fix

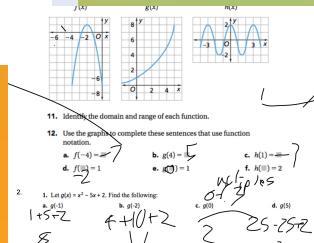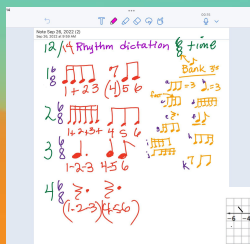| Cups of Sugar	Cups of Flour
2	5
6	15
8	20
1	$2\frac{1}{2}$

Determine TWO constant of proportionalities (unit rates)? Include a label.

Incorrect label.   **Please fix**

$2\frac{1}{2}$ cups of flour per cup of sugar

Write an equation that shows the relationship between sugar and flour.

$\frac{2}{5}$ cups of sugar per 1 cup of flour

$S \times 2\frac{1}{2} = F$

This is not a unit rate.

Please fix

29

Math, 6th grade

Writing, Journalism Unit, 8th grade

iMovie

Google Docs

The Trip to Canada

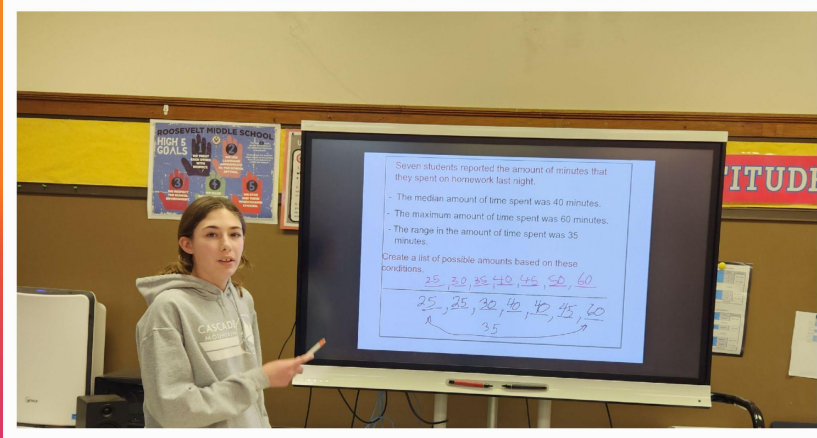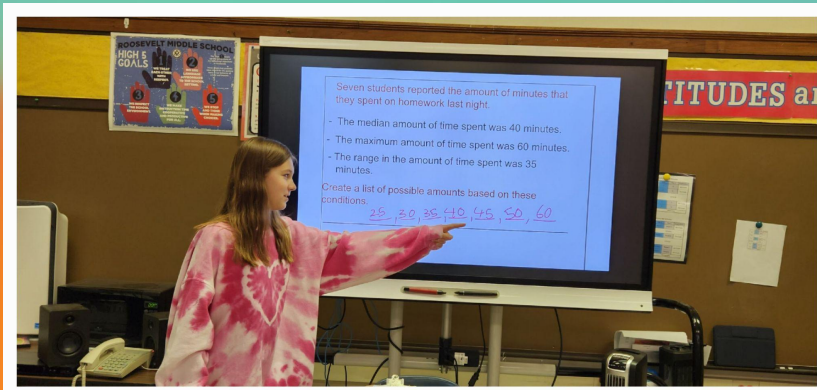I saw our Uber rolling down the rough street, the car suddenly stopped and my dad pulled the car door open and my family and I jumped in. I was stoked to go to Canada.

When we go to the airport. We found our airline's check in desk. My mom handed the people our passports. While we were waiting I remembered the time a few months ago when we went to get our passport photo at the post office. They told me not to smile, which was easy that day because I was sick. A few minutes later they gave us them back along with our boarding passes. Next we headed to security as we got through it slowly, we knew it would not be the last of the trip.

Next we walked through the airport to our gate and we saw our small turboprop plane which would take us to Toronto, Canada. We got on the plane. The flight was actually pretty short but we knew a lot was waiting on the ground. When we landed I said "brr" as I shivered.

When we landed I was stoked. We went straight to a new kind of security called customs, my dad said. It was a bit of a walk to the customs but then we finally got to it. It was a room with a bunch of self service machines where we scanned our boarding passes and passports. Next up there was a line to talk to people in booths. Once we finally made it through my mom said we landed on an island so we had to walk in a long tunnel to downtown toronto then we took a bus to get us closer to our hotel.

Then we started to walk to our hotel. My mom said it wouldn't be too long. As we walked on the cracked sidewalk. I looked at this wonderful city but after a while the sounds of footsteps and the sight of industrial buildings was getting boring so I asked my mom "How much longerrr", she said "Were about half way there." She tries to sound hopeful but I know she's tired too. We then walked another really long time. Then I saw the hotel sign where we were almost. After a little bit longer we got our room. I ran and crashed onto the bed.

Ultimately by the end of the day we were so tired. We walked for so long to the hotel and that does not even include the rest of the traveling. In the end I learned that good things come

Social Studies, 6th grade

DoInk GreenScreen

Google Earth

Glacier

Mer de Glace, France
45.9204° N, 6.9280° E

Mer de Glace means
"sea ice" in English.

GEYSER

Old Faithful, Yellowstone National Park, USA

FUN FACT: It's the oldest Geyser in all of North America!

(44°27'21"N 110°49'41"W)

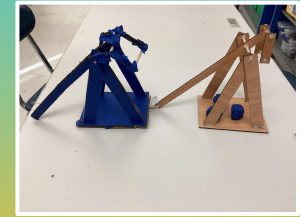# Social Studies, 8th grade

Sketchbook

Notability

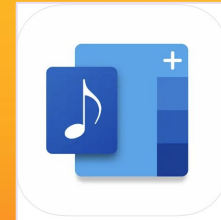# Science, 7th grade

Stop Motion Studio

STEM, Fuse Program
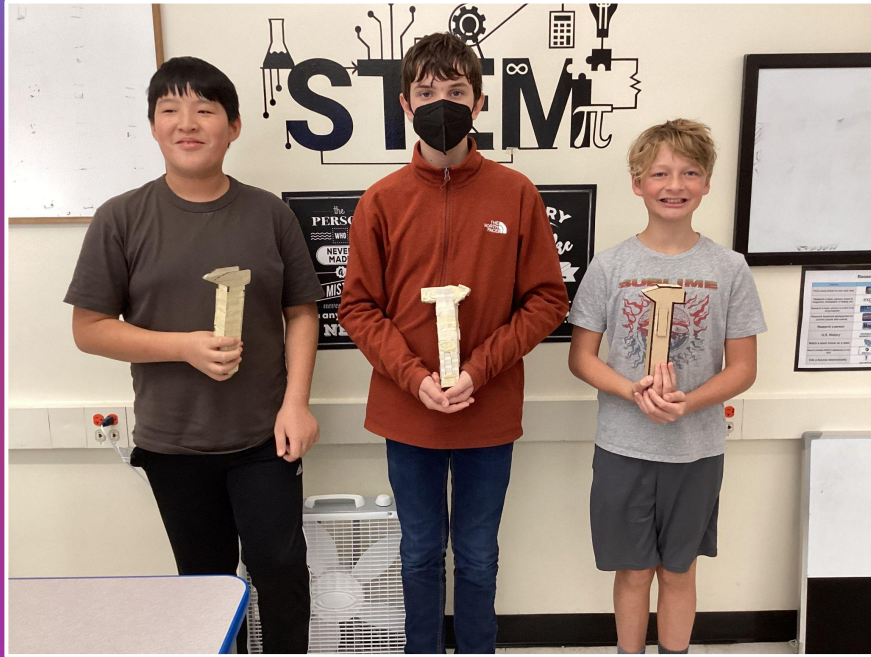
Music

Music Reader-Sheet Music Note

Bandmate Chromatic Tuner
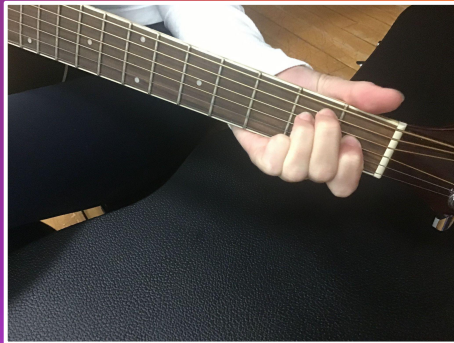
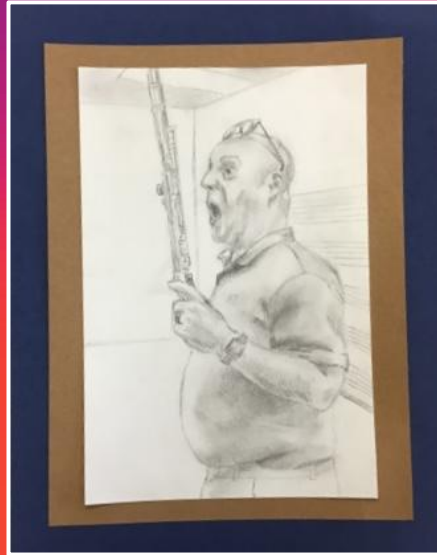

Google Drive

Music Reader-Sheet Music Note

37

Personalization:
Portraits, 8th grade Art
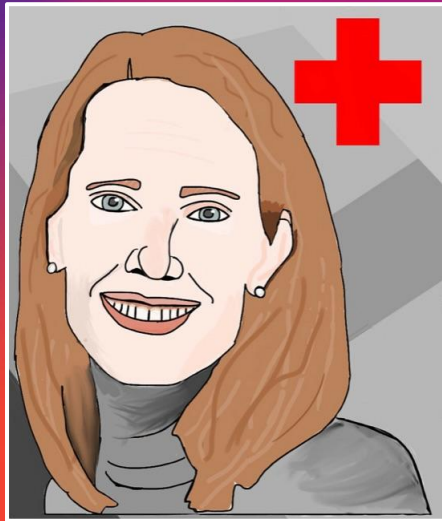
Sketchbook app

Pencil

Paint and Fibers

38

Goal Setting, Advisory

Google Jamboard

Unplugged Learning

Teaching Yesterday

Teaching Today
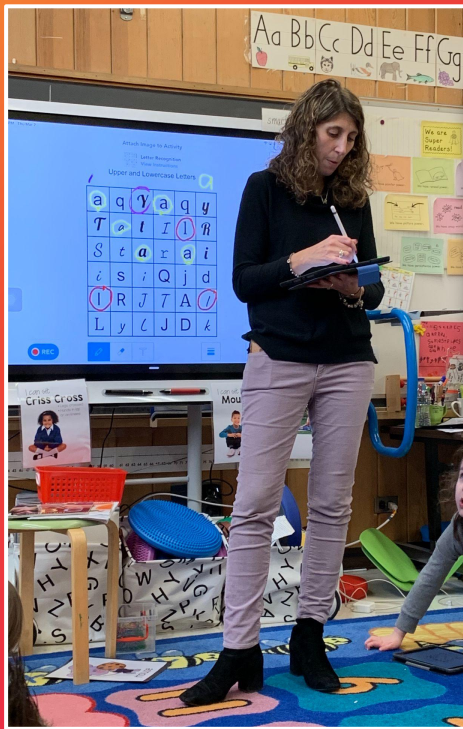
Intentional Use of Technology

- **Use established curriculum**
- **Offer choice to students**
- **Teachers and specialist work collaboratively to determine best methodologies**

#D90Learns

d90willard Students in 3D and 4B worked with their buddy classes in Mrs. Garvey's kindergartens to do... more

4 seconds ago

rooseveltd90

12 likes

rooseveltd90 Students in Advisory had a blast working in teams to create towers using gum drops &

43
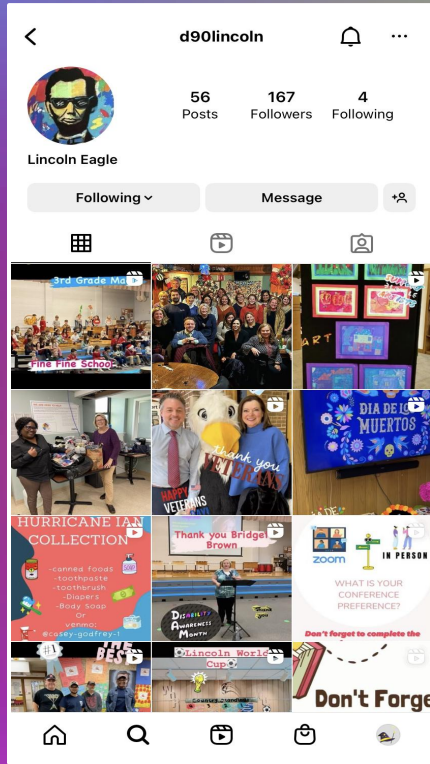
Privacy

- District 90 uses Education Frameworks and the Illinois Student Privacy Alliance to vet all electronic resources for compliance with state and federal regulations

44

Securly

- District 90 uses Securly's filter to help keep students safe on their iPad.

- Additional features available to parents to customize control over their child's school iPad when it goes home.

Gaggle

- District 90 uses Gaggle safety management to proactively screen and review student email (grades 3-8) and Google Drive content (Pre-K - 8th).

- Administrators receive email and phone alerts as needed regarding potential incidents.

Questions?