

D90 Instructional Technology Overview

Kevin Martin - Technology Director

Shanna Castillo - K4 Instructional Technology Specialist

Anmarie 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



Seesaw

Name: _____ Date: _____

Word	Build	Write
camp	c a m p	camp
tent	t e n t	tent
hand	h a n d	hand
milk	m i l k	milk
help	h e l p	help

Body Paragraph 1

Characteristic my family always
 help each other. Because they
 support each others decisions.
 For example when we
 have a decision my family
 will support us. Another example
 at 11:15 & when you
 stand in the middle of
 your decision my family
 will not you understand.
 If we choose a decision
 my family will always
 support me. what happens
 me about this is that
 my family is always
 helping with each others
 decisions, even if our decision
 has pros and cons in
 addition I remember when
 I started to play the
 violin my family knew
 that I had to carry
 the violin every
 Monday rehearsal and
 practice they still they
 supported me.

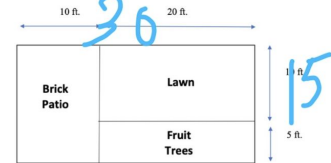


Seesaw



Mr. Hamachi's Back Yard

Here is a map of Mr. Hamachi's back yard:



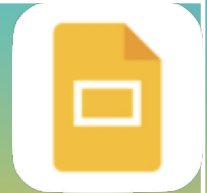
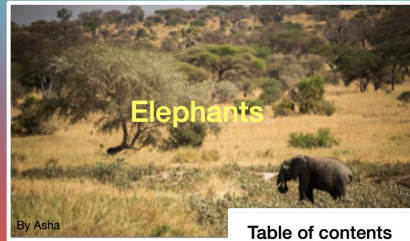
1. What is the length of the long side of Mr. Hamachi's entire back yard?

Show how you know. $10 + 20 = 30$ feet

2. What is the perimeter of Mr. Hamachi's entire back yard?

Show how you know. $30 + 30 = 60$
 $15 + 15 = 30$
 $60 + 30 = 90$

Literacy



Google Slides

Table of contents

- Slide 1- Body
- Slide 2- Calf
- Slide 3- Food
- Slide 4- Habitat
- Slide 5- Herds
- Slide 6- Types of elephants
- Slide 7- Danger and Helping
- Slide 8- Table of contents



A herd of elephants

Body

Elephant's trunks are prehensile, hence means able to grasp, lift and row. Their trunks are their upper lip and nose.

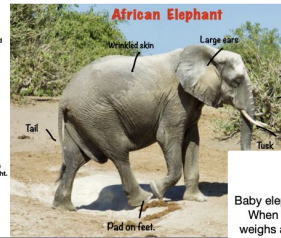
Large ears help African elephants cool down. Asian elephants have smaller ears because they live in places.

Wrinkled skin traps water or mud so elephants stay cool in the heat.

• Pads on elephants feet make sure that the elephant can walk with out pounding their feet on the ground

Trunk help elephant get food such as R. They also help male elephants fight.

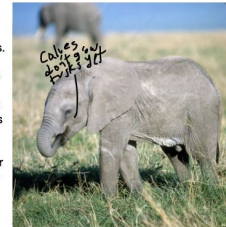
• Males can weigh up to 14,000 pounds and females around 7,000.



Calves

Baby elephants are called calves. When a calves is first born it weighs around 265 pounds, the whole herd helps it. Calves depend on their mother for milk and safety. At 6 months a calves can eat grass.

A calves will stay with its mom for 2 years, will either stay with the herd or move on.(See page 5).



Literacy



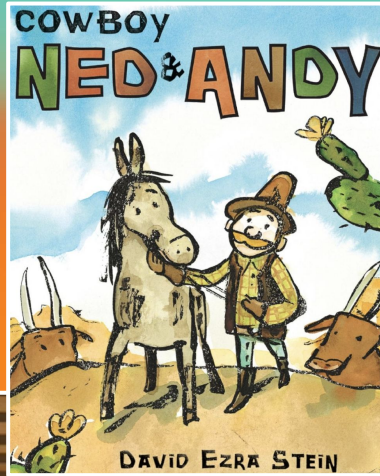
Keynote

The image shows a screenshot of the Netflix website interface for the TV show "Emperor Penguins". At the top, the "NETFLIX" logo is in red, followed by navigation links: "Home", "TV Shows", "Movies", "Recently Added", and "My List". On the right side of the top bar, there are icons for a search function, "KIDS", "DVD", a notification bell, and a user profile icon.

The main content area features a large card for "Emperor Penguins". The title "Emperor Penguins" is in large white font, with "2021" and a "TV-PG" rating box below it. A short description reads: "Emperor Penguins often come together like a sports team. A tight huddle keeps them warm. Watch this series to learn more about their habitat, bird like ways, and breeding habits." Below the text are two buttons: a red "PLAY" button and a white "+ MY LIST" button. To the right of these buttons are icons for sharing and saving. Further down, it lists "Starring: Sharna the Researcher and Penguins" and "Genre: Non-Fiction". Below that, it says "This Show Is: geographic".

At the bottom of the card, there are navigation tabs: "OVERVIEW" (which is underlined), "EPISODES", "TRAILERS & MORE", "MORE LIKE THIS", and "DETAILS".

Literacy



Puppet Pals



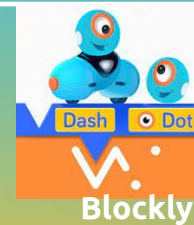
Math

Perimeter with Dash



Jobs

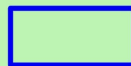
- Coder
- Measure
- Tape
- Videographer/Recorder



Make Rectangles

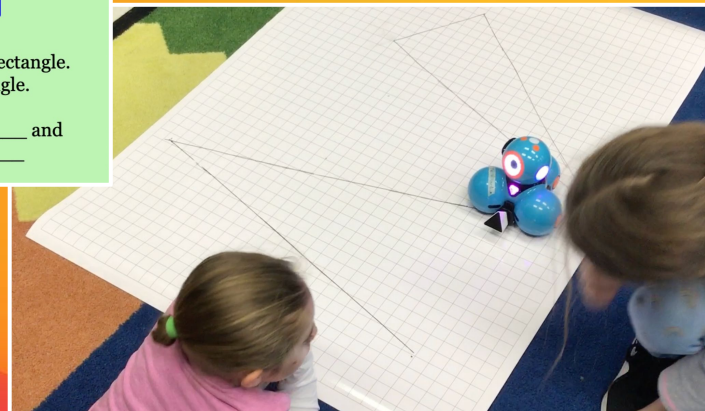
Measure and tape 2 rectangles:

- 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



Math



Math



Osmo Numbers



Writing



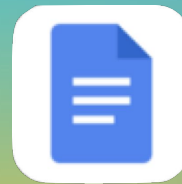
Clips



Buncee



Writing



Google Docs

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 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 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.

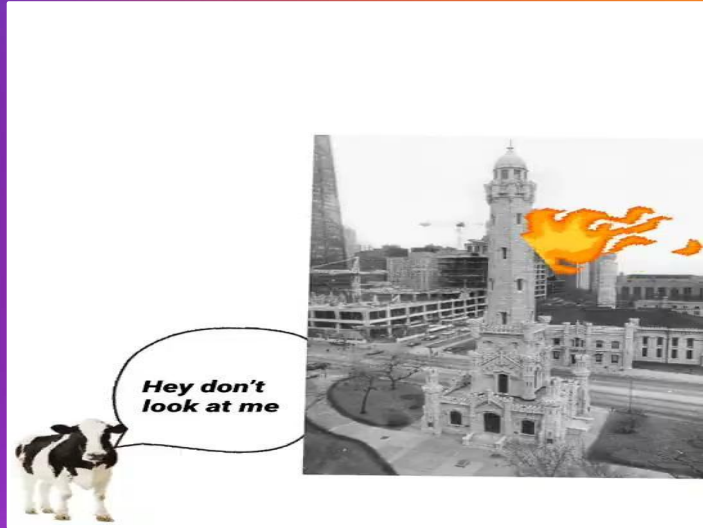
My second reason for the fun of summer is you can play with more friends. For example you can have more sleep overs. I have never had a sleepover with my friend but when it is summer I could maybe have one or some. Another example is you could go to the RFTC pool. So you could invite your friends to 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

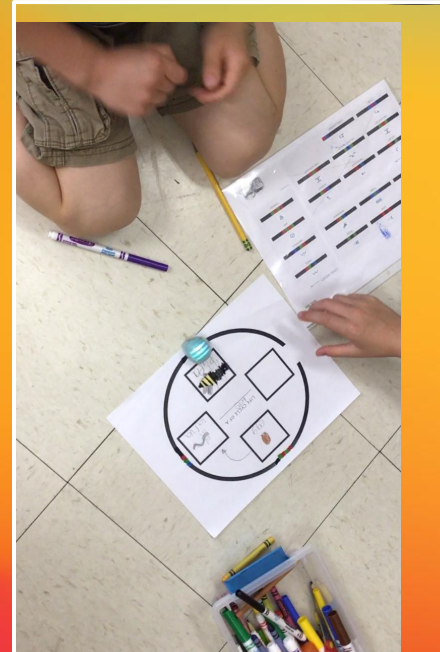
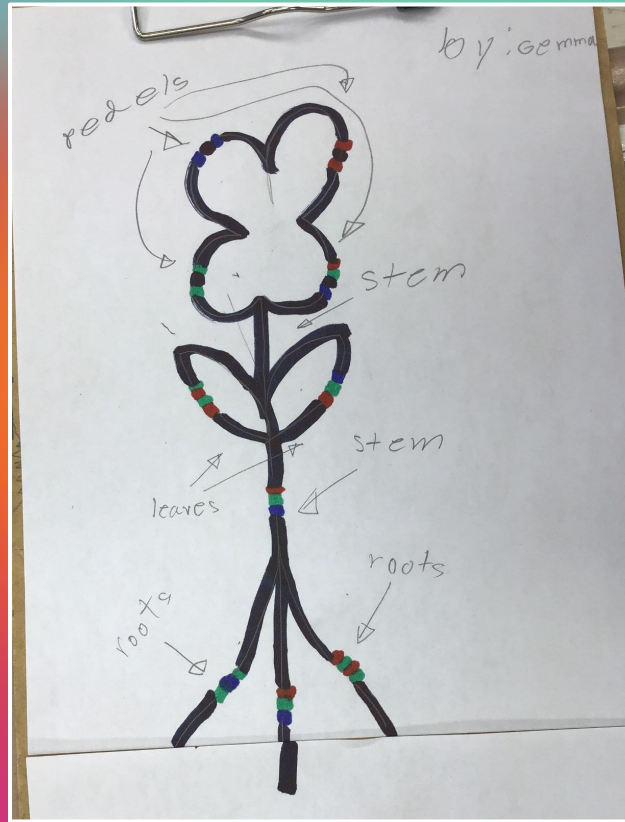
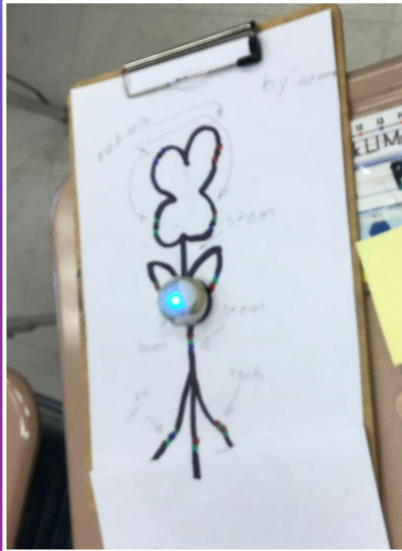
Social Studies



Pic EDU



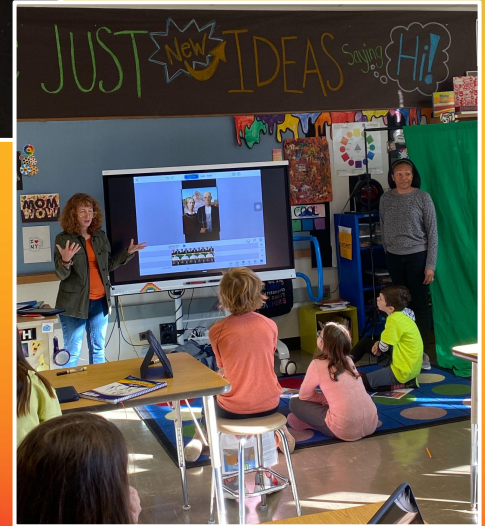
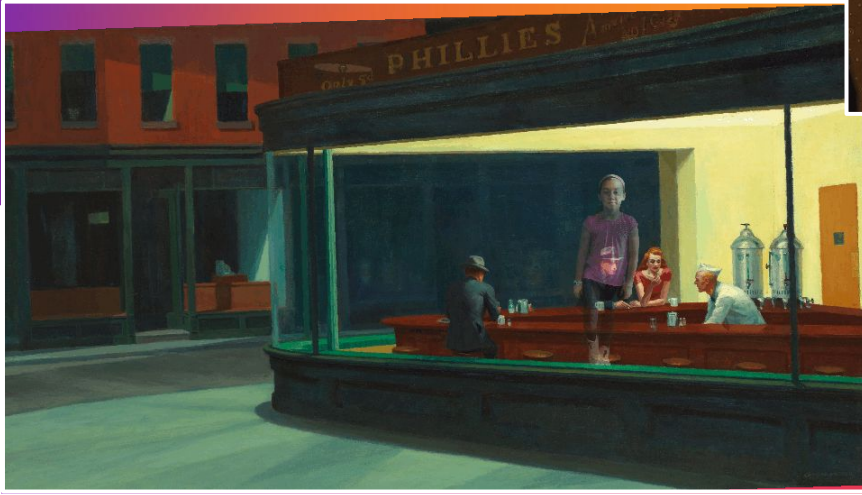
Science



Art



Dolink



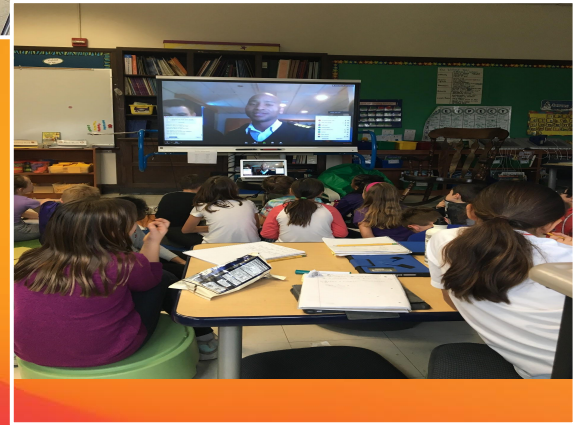
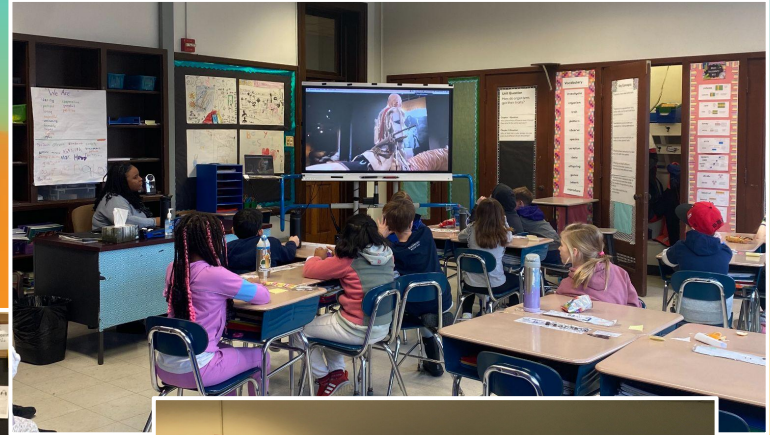
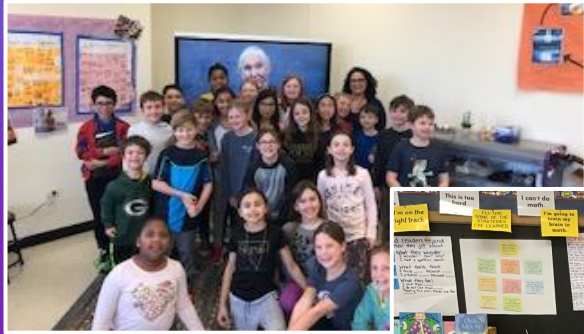
Art



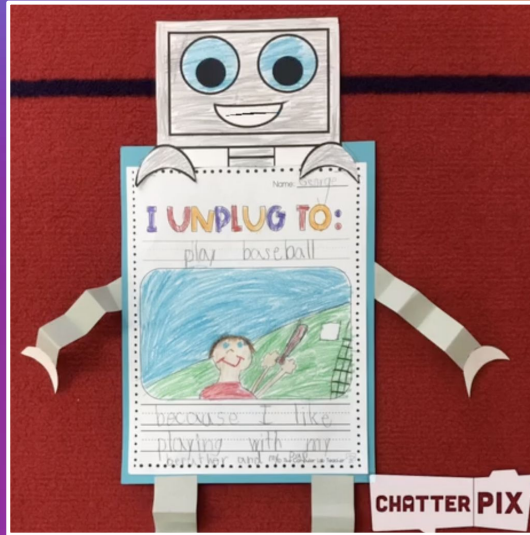
Keynote



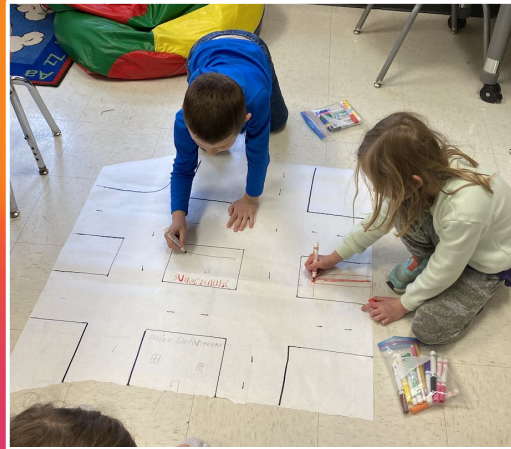
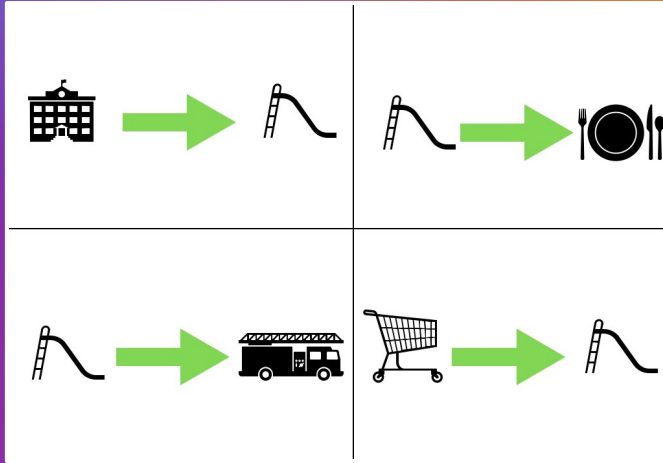
Global Communicator



Unplugged Examples

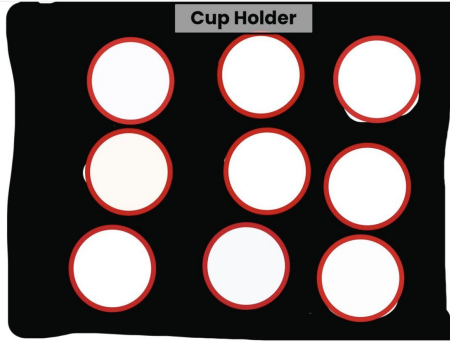


Unplugged Examples

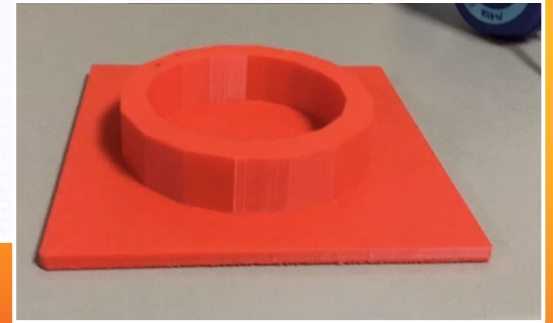
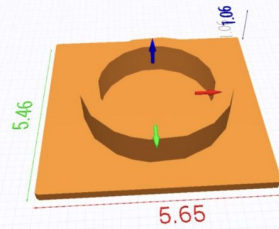


STEM

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



I'm 3D
printing a
cup holder

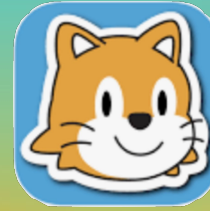
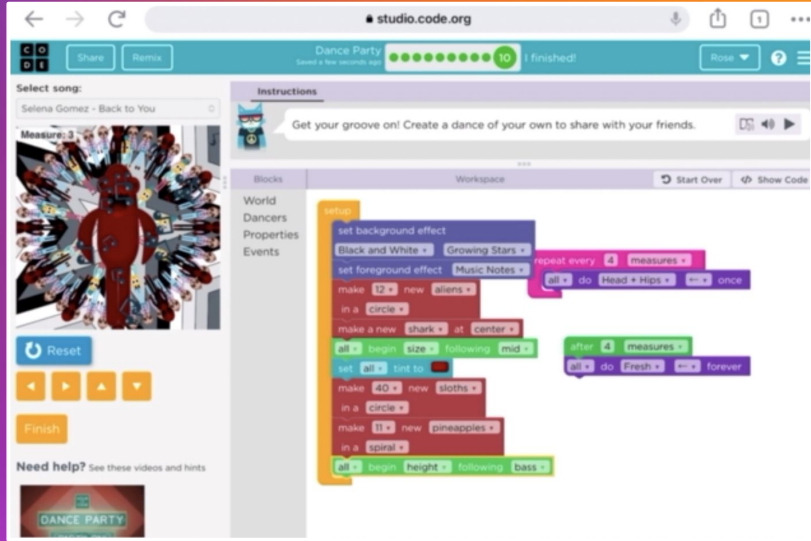


Morphi

STEM



Code.org



Scratch Jr



Roosevelt Middle School



Schoolology

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

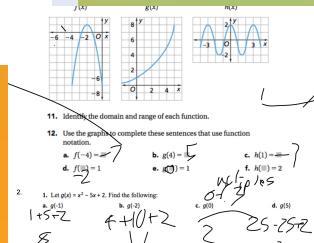
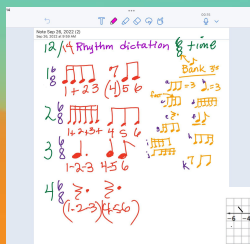


PowerSchool

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

Notability

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

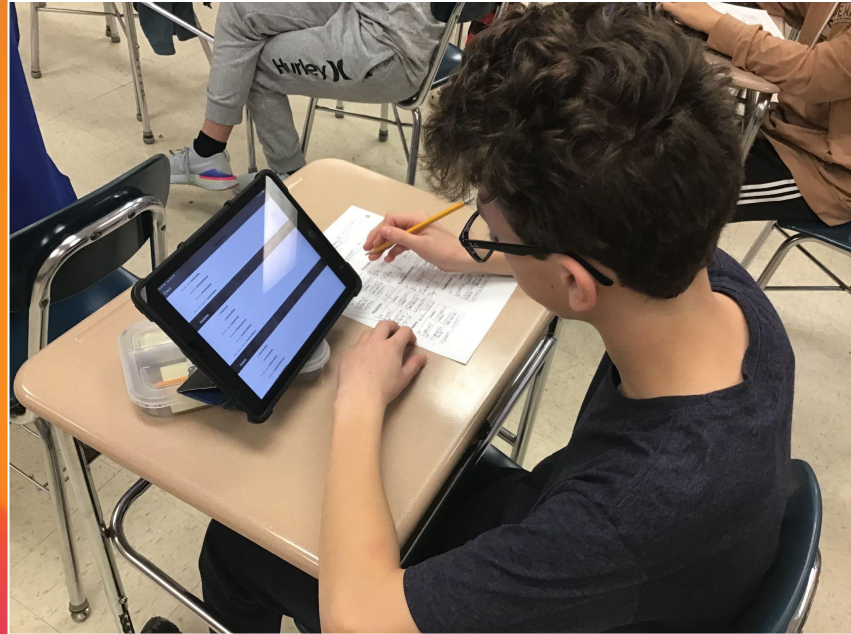


Feliz
(Happy)

World Languages



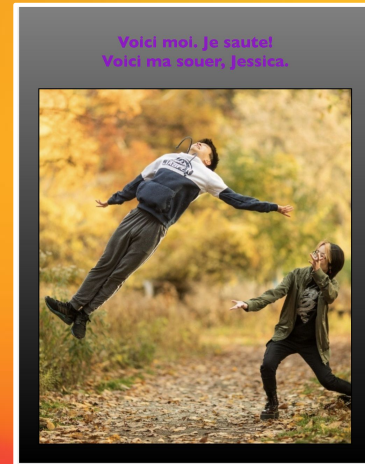
Conjugation
Nation



French, 8th grade



Keynote



Strip Designer

Math, 7th grade



Classkick
app

61/61 Paris King

Cups of Sugar	Cups of Flour
2	5
6	15
8	20
1	$\frac{5}{2} = 2\frac{1}{2}$
$\frac{2}{3}$	1

Determine TWO constant of proportionality (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.

$\frac{2}{3}$ cups of sugar per cups of flour.

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

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

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

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

Incorrect label. Please fix

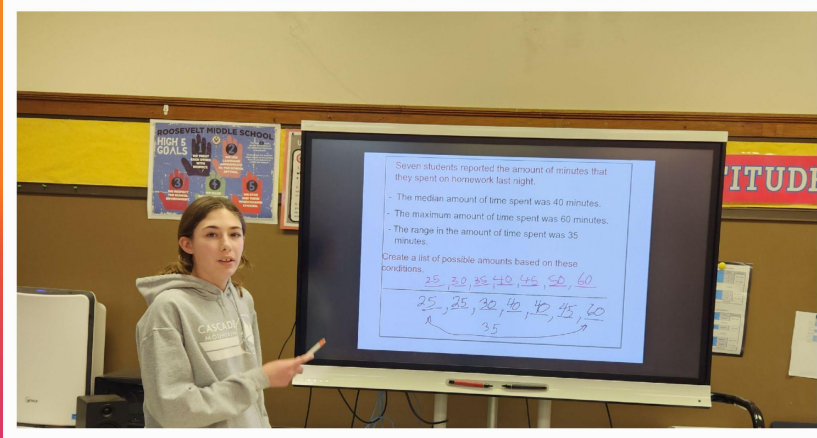
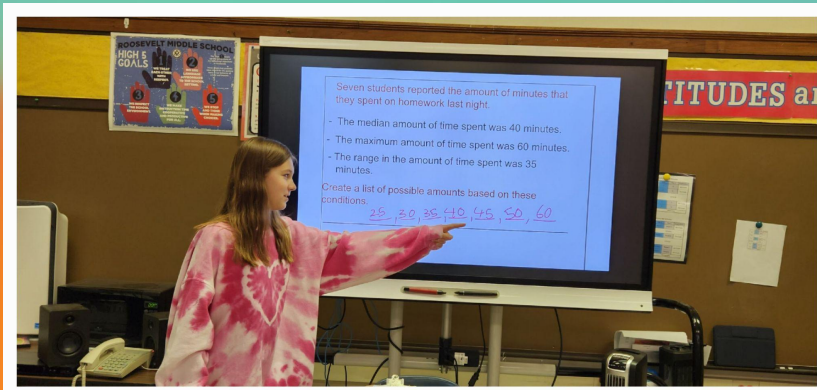
Write an equation that shows the relationship between sugar and flour.

$5 \times 2\frac{1}{2} = F$

$\frac{2}{3}$ cups of sugar for 1 cup of flour

This is not a unit rate.

Math, 6th grade



Writing, Journalism Unit, 8th grade



iMovie



Writing

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 "wow" 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 longer?" she said "Not about ten more minutes!" 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



Google Docs

Social Studies, 6th grade



DoInk
GreenScreen



Google Earth



Social Studies, 8th grade



Sketchbook



Notability



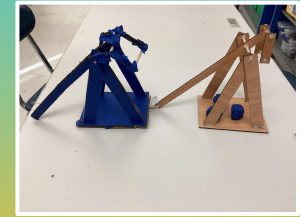
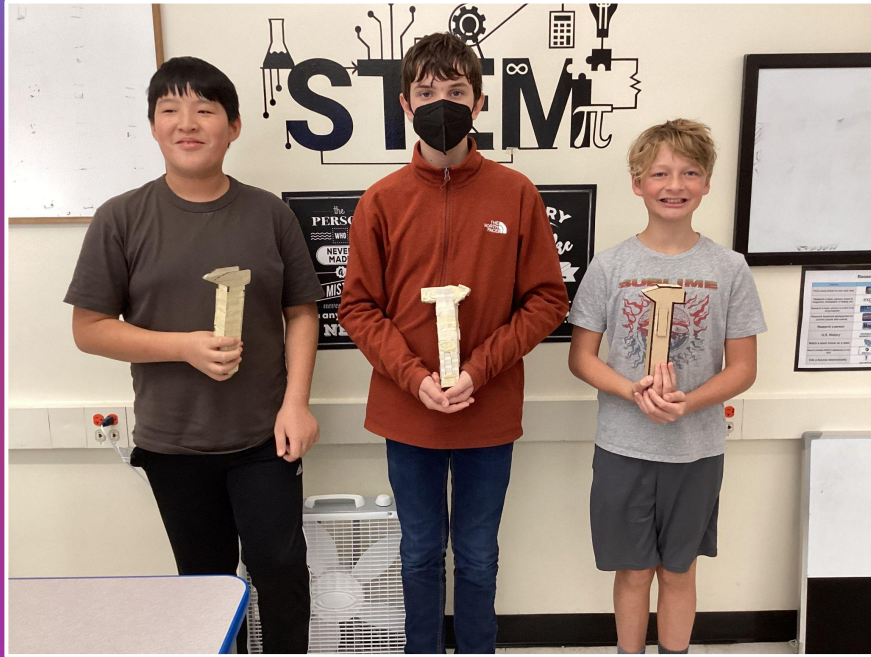
Science, 7th grade



Stop Motion Studio



STEM, Fuse Program



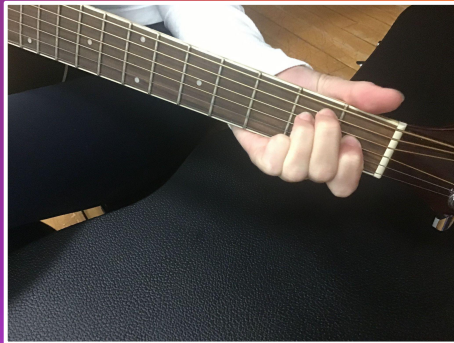
Music



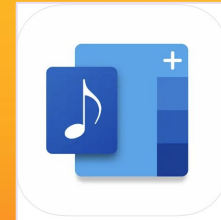
Music
Reader-Sheet
Music Note



Bandmate
Chromatic
Tuner

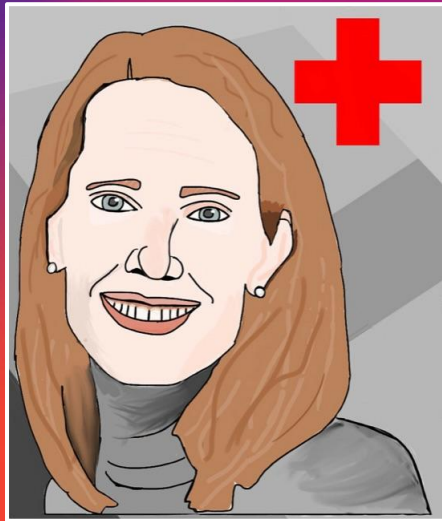


Google Drive

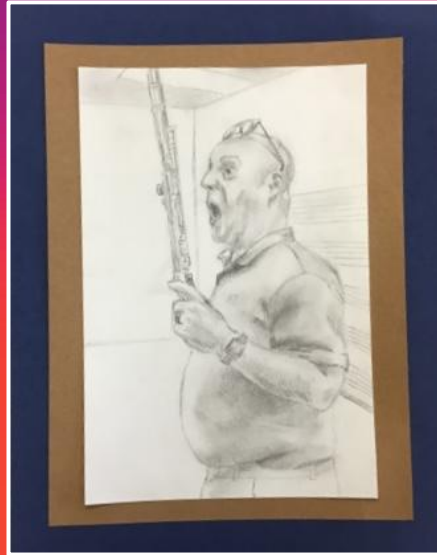


Music
Reader-Sheet
Music Note

Personalization: Portraits, 8th grade Art



Sketchbook app



Pencil



Paint and Fibers

Goal Setting, Advisory

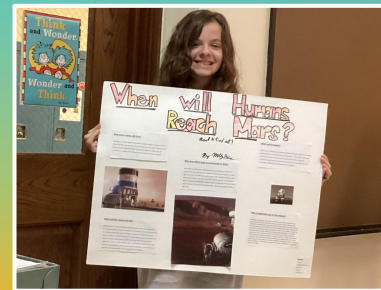


Google
Jamboard

The screenshot shows a Google Jamboard interface with the title "Advisory Jamboard". The board has a background of colorful candies and lollipops. A central question "What is your goal?" is written in green. Numerous sticky notes of various colors contain student goals and names:

- Ian**: I want to be a better drawer and make cool anime art
- My goal is to get better at doing headers for soccer**
- Rose**: My goal is to complete my math homework faster
- My goal is to get an average of a B+ or higher for my grades for this quarter Because why not-ALEX**
- Brigid**: My goal is swimming a 50 meter freestyle in 35 seconds
- Libby Blatt**: My goal is to complete 2 books in 2 weeks
- My goal is to get all a+s**
- Abby**: My goal is for my team and I to win our tournament.
- My goal is to get a better grade in my classes this quarter. Ainslie**
- I want to get better at cooking and I want to do it every Sunday for 5 weeks. I want to do different things every week. ELISE!!**
- My goal is to work on my flip turns Catriona**
- My goal is to learn how to ski better. Charlotte**
- My goal is to get better at tumbling Maci**
- Beila**: I want to practice my pino and violin
- My goals is to do better than 4th grade and have all good grades like an a or A+ and my other goal is to be better at a game called 4 square at roosevelt. By Mohammed.**
- Asher Simons**: I want to be able to stop completely on skates in my hockey class in 3 weeks.
- My goal is to get good grades throughout the year Anders**
- Amelia**: My goal is to get better at my skills in gymnastics

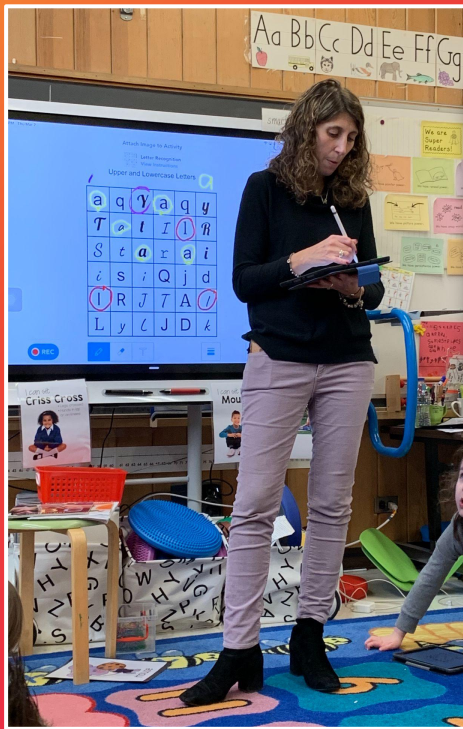
Unplugged Learning



Teaching Yesterday



Teaching Today

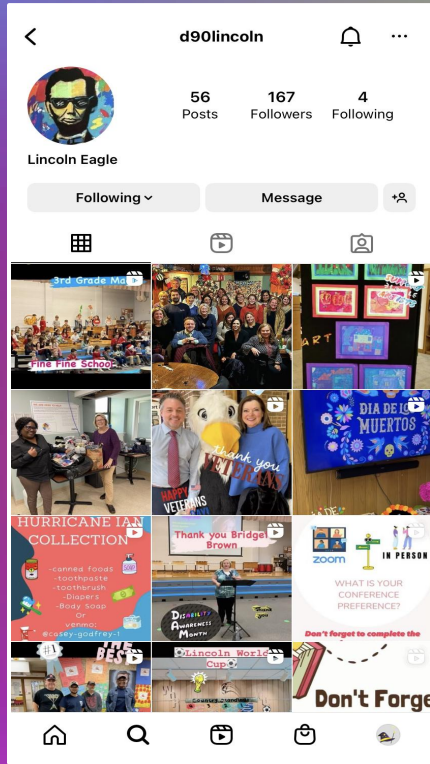


Intentional Use of Technology

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



#D90Learns



Privacy



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

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?