

D90 Technology Update

2017-2018

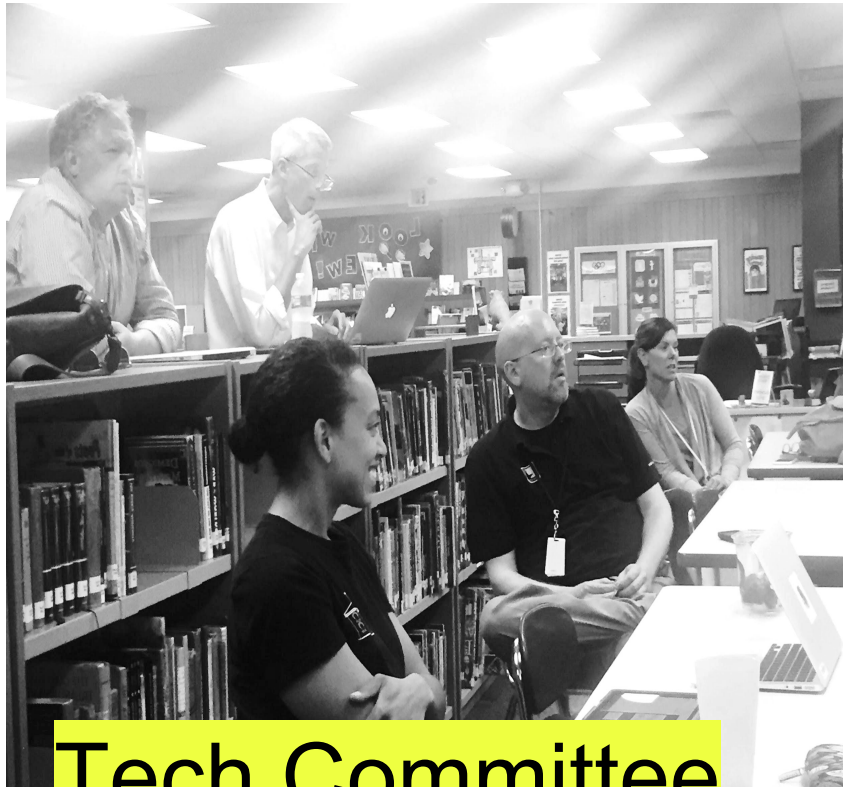


- Tech Committee Update
- 2017 -2018 *Data, Device, Curriculum*
- 2017-2018 Professional Development
 - Dominican Cohort
 - Summer Learning



The **International Society for Technology in Education (ISTE)** is a community of global educators who believe in the power of technology to transform teaching and learning, accelerate innovation and solve tough problems in education.

District 90 has adopted their standards for students, educators, coaches and administrators as the framework for creating innovative learning environments.



Tech Committee Update

ISTE Standards for Educators #2: Leader

Educators seek out opportunities for leadership to support student empowerment and success and to improve teaching and learning.

- Representatives from all schools /disciplines
- Meeting Monthly
- Subcommittees
 - Digital Citizenship Curriculum
 - K4 Distinguished Schools Application & iPad deployment / Going Home
 - Privacy & data breach response planning
- “Back Channel”
- Thursday meeting Share outs

Top Ten Accomplishments from 2017-18

#1

Finished 8
Elements
Book

#8

Agreed for K-4
Application to Apple
Distinguished
Schools when it
opens up

#2

DigCit
Resources
Review

#5

Closure on Typing
Program
(Literacy
Committee)

#9

Created the
Back Channel
(Seesaw
license)

#3

Introduced to
Apple
Classroom

#4

D90 feed
created to
streamline
communication

#6

Aides getting
iPads; Nurses
iPhones

#7

Notified K-2
teachers faster
re: new SMART
Boards

#10

Printer Queue
extended to 4
hrs

What New Ideas Do You Have For Tech Committee Next Year?

Apply for Innovation in Schools

Tech Committee Planning and Facilitate ½ day professional Development Day

DigCit Resources Recommendations

Table top exercise of Data Breach response plan

Continue the discussion K-4 iPads sometimes going home; e.g. for ST Math

Training on Scout; more training on Seesaw

Becoming more familiar with ISTE Standards

Makerspace & K-8 Coding curriculum



2017-2018 Update: **Data, Devices, Curriculum**

(Data) Systems:

Powerschool / Infosnap / IEP*

SchoolMessenger*

State SIS

PARCC

MAP NWEA

RevTrak

Summer School registration*

AtoZ directory*

Website*

Aesop/Frontline*

Server and service accounts *

- MDM /LDAP, email /Google / gaggle , IXL, Lexia, SuccessNet, Pearson, ThinkCentral, PLTW, Reading Eggs, RAZ Kids, ReadingPlus, Edmodo, iLearn, FL Blogs, BookShare, Essential Skills, TurnItIn, Custom Typing, etc

Phone system and voicemail

ADT and Card access

HelpDesk / ZenDesk*

OPRF transfers

* = upgraded/migrated systems

(Data) 2017-2018 Update:

Updates

HR (Aesop/Frontline) system migration

Cloud Migrations (JAMF, Aerohive)

HelpDesk / ZenDesk

Powerschool IEP

SeeSaw Adoption

WebSite update

Completed Google Migration

Growth and Next Steps

Securly remote filtering

Data warehousing / early warning system

App Usage / Utilization study

Curriculum based pilot/adoption data systems

Secure document delivery

(Devices) Inventory:

250mb ASE AT&T circuit & 100mb Comcast
business modem

1gb fiber WAN

34 Routers / Switches

15 on premise Servers

112 WiFi Access Points

1947 iPads

269 MacBook Airs

121 iMacs and desktops

70 SmartBoards, LCD projectors

33 Printers / Multi-Function devices

47 Security Cameras

8 iPhones

(Devices) 2017-2018 Updates:

Updates

Auditorium AP installs, 34 AP upgrades

Firewall, Content Filter firmware

62 teacher “refresh” laptops

310 new iPads

16 SMART displays

New DNS server

Diamond Assets Recovery

Growth & Next Steps

Increased bandwidth (250mb to 500mb)

Securly remote filtering

Continue classroom A/V updates (SMART, LCD's)

Core Infrastructure updates

K4 teacher iPad refresh

K4 Aide iPad deployment

Additional Roosevelt Camera installs

(Curriculum) A Window into Elementary School with Seesaw

- Full adoption across both K-4 classrooms
- Collaboration with specialists and support teachers such as Music, Library, Art,
- Connects Across all Curriculums: Math, Reading, Writing, Science, STEM
- Usage data:
 - Items posted: 28,339
 - Comments: 12,503
 - Likes: 46, 724
 - Parent visits: 29,211

Transform Learning with



(Curriculum) *Toast to Friendship*: A Window Into Lincoln



(Curriculum) *Mood Monster Yoga Workshop*: A Window Into Lincoln



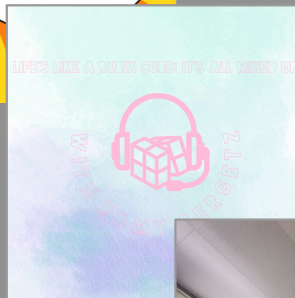
(Curriculum) Genius Hour: A Window Into Lincoln

NORA'S BOOK RECOMMENDATIONS



HI! THIS IS A REALLY GOOD BOOK. IT IS ABOUT THESE TWINS THAT FALL THROUGH A BOOK AND INTO A LAND WHERE ALL THE FAIRYTALE CHARACTERS LIVE. IT IS FANTASY. THIS BOOK IS ALSO IN A SERIES. I RECOMMEND THIS BOOK TO YOU. BYE!

LAND OF STORIES
BY CHRIS COLFER

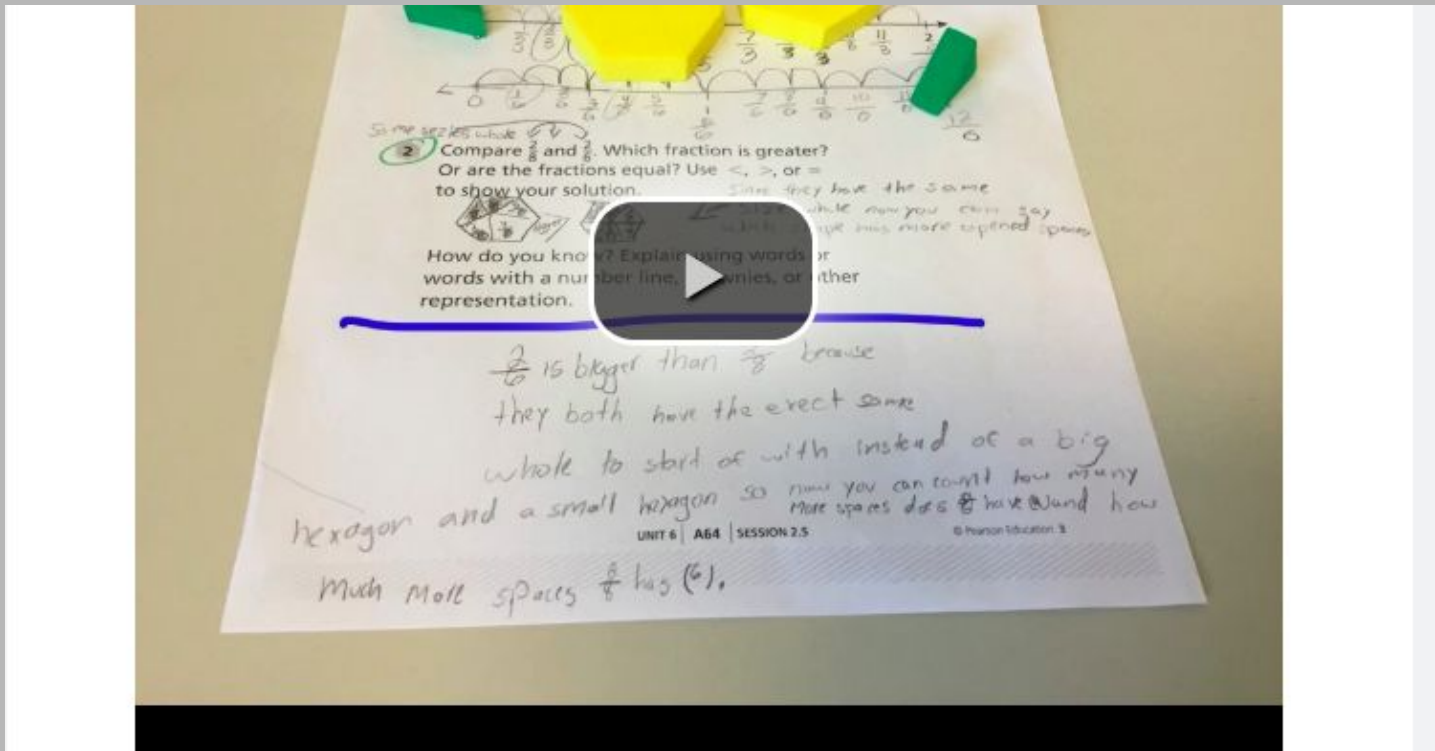


Grade 3 Tim Strains Mathematical Thinking in Seesaw

- Teacher feedback to every student
- High student engagement and accountability
- Peer to peer teaching and learning
- Meeting the needs of all learners
- Formative assessment tool for teachers
- Shows growth over time
- Communication between classroom instruction and home



Grade 3 Tim Strains Mathematical Thinking in Seesaw



Seen by: Myrna Alaraj

May 1, 2018

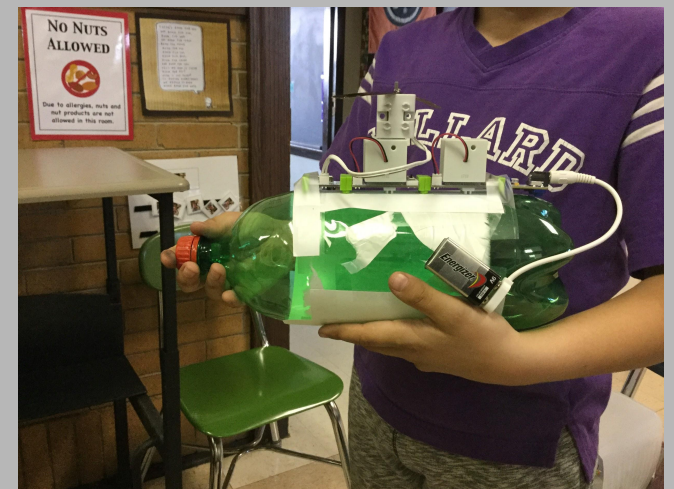
Math HW / Assessment Reflections

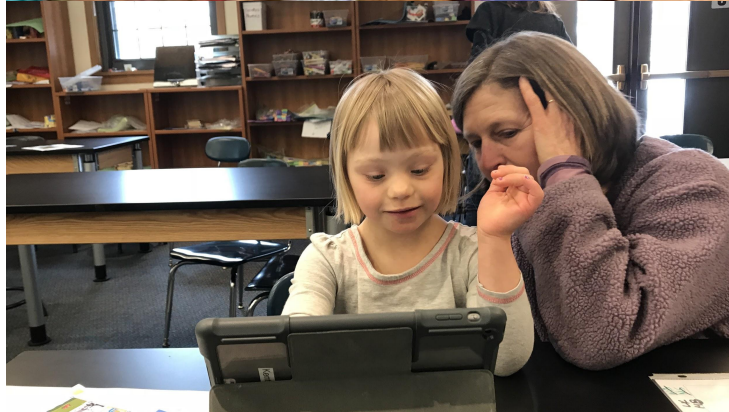
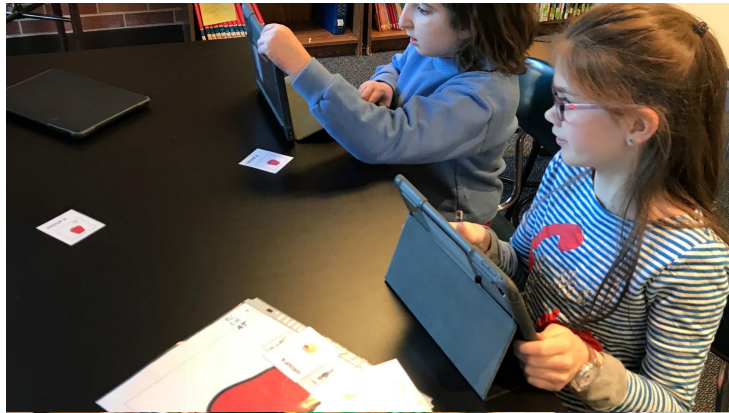
Tim Strains Great explanation. I am happy you included the key idea that the wholes have to be the same.

littleBits

“Make it Move” Competition Grade 4: Katy Kennedy

- **Collaborative:** invented and designed an item for the “Make It Move” Challenge through the use of Little Bits
- **Sustainable:** all objects used were brought from home
- **Innovative & Inquiry-Based:** used the project requirements to design and create a purposeful product





Willard *Adapted STEM* Class

- Collaboration and Co teaching between STEM, Instructional Specialist, Special Ed Coordinator and Support Specialists
- Teach a skill to mastery (uncover vs. cover)
- Differentiate (pacing, scaffolding, visuals)
- Peer tutors
- Independence

Window Into Middle School: **Schoology**

Schoology is an online course management system that allows teachers to create and manage academic courses for their students. It provides teachers with a method of managing lessons, engaging students, sharing content, and connecting with other educators.

ISTE Standards for Educators #5: Designer

5a: Use technology to create, adapt and personalize learning experiences that foster independent learning and accommodate learner differences and needs.

Rationale

- “One Stop Shop” All classes, clubs, grade level information in one location.



Beginning of Year
Expectations

All teachers use the tool for announcing:

- Assignments
- Events
- Quizzes
- Tests



Window into Middle School: Schoology

End of Year Results

372,898
Total Visits

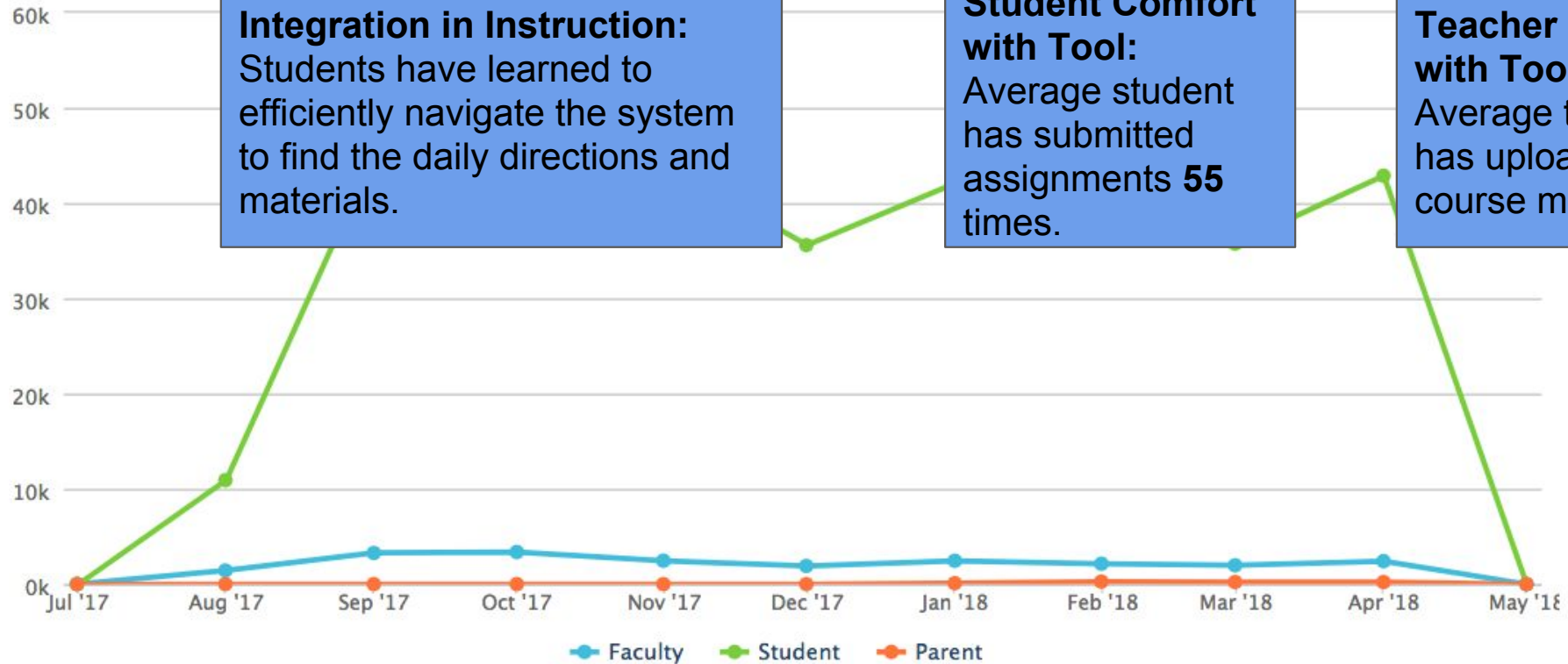
4,582,033
Page Views
Avg 5,560.72 Per User

00:06:29
Avg. Time Per Visit

13,869
Comments Posted
Avg 16.83 Per User

45,589
Submissions
Avg 55.33 Per User

43,374
Files Uploaded
Avg 52.64 Per User



Integration in Instruction:
Students have learned to efficiently navigate the system to find the daily directions and materials.

Student Comfort with Tool:
Average student has submitted assignments **55** times.

Teacher Comfort with Tool:
Average teacher has uploaded **53** course materials.

Window Into Middle School: 3D Designing & Printing Original Works

Lindsay Johnson
@ChiLindsay

Exploring the @MorphiApp today. Excellent detailed tutorials on their @YouTube channel m.youtube.com/playlist?list=... Thank you! Stay tuned for our one-of-a-kind #3Dprinted creations! #D90Learns



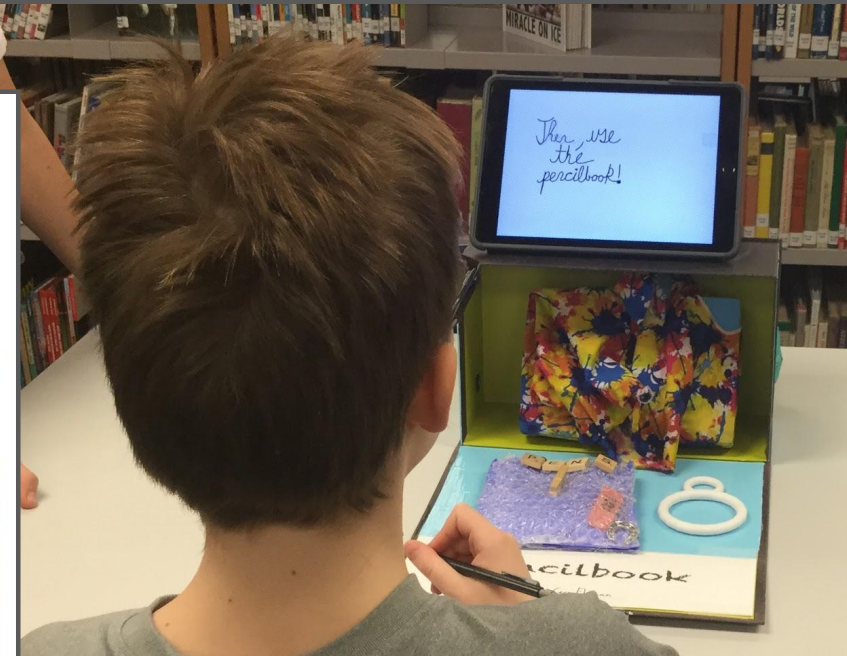
7:57 PM - 15 Dec 2017

Lindsay Johnson
@ChiLindsay

6th grade students #3Dprinting their invention prototypes on our @DremelEdu printer. This is where the magic happens! Imagination taking flight. #D90Learns



3:53 PM - 19 Dec 2017



ISTE Standard #4: Innovative Designer

Students use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions.

2017-18 Professional Development

August 2017 New Teacher Orientation

All Year: Quick Dips, Planning, Modeling, Co-Teaching

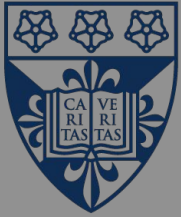
February 2018 EdCamp-style Half Day

Monthly Newsletter “D90 Feed”: classroom examples, PD opportunities

February ICE Conference attendance and presenters:

- *Coding for All Students* (Christine Beukema & AJ Peters & Cindy Crannell)
- *Classroom or Startup? Turn your Classroom into a Design Thinking Hub* (Karrin Burns)
- *Oh the Places You’ll Go--Digital Adventures in a World Language Class* (Karen Feeley)
- *New Pathways for Professional Development* (Annmarie Clasky & Cindy Crannell)
- *Personalizing Professional Development on an iPad* (Cindy Crannell, Lindsay Johnson, Annmarie Clasky)
- *Protecting Student Data and Privacy* (Ed Condon, David Davis, Kevin Martin)





DOMINICAN UNIVERSITY

Cohort Update

Secure | <https://sites.google.com/district90.org/digital-learning>

Digital Learning Home Social Media About This Site Feedback


Digital Learning

What is the purpose of this website?

A group of District 90 employees took a course entitled Social Media and Emerging Technologies through Dominican University. We learned about the latest uses of social media in an educational setting and the various types of emerging technology. We wanted to share our learning with everyone and help our district jump into the social media world! In order to do this, we have created pages on the various social media sites that can be used in the educational world and created badges for you to earn for your learning! We also hope to continue to build this website to include more technology for you to learn about and use within your classrooms.

How do I earn my badges?

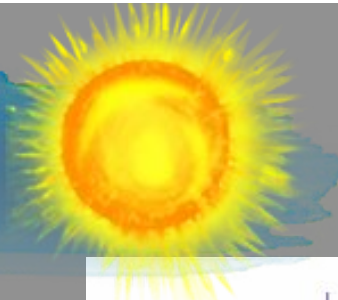
- Start by exploring the Twitter pages and create an account - click on the image to the right!
- Each social media site has a "Earn Your Badge" page
- Go to this page and complete the activities on this page
- Tweet evidence of completion using the hashtag #D90Badges
- Earn a badge for each social media site - click on a badge below!



- Recommendations from cohort include 100% Twitter participation
- More Admin presence on Social Media
- Adco presentation 5/22

ISTE Standard for Educators #2c:
Model for colleagues the identification, exploration, evaluation, curation and adoption of new digital resources and tools for learning.

SUMMER OF LEARNING

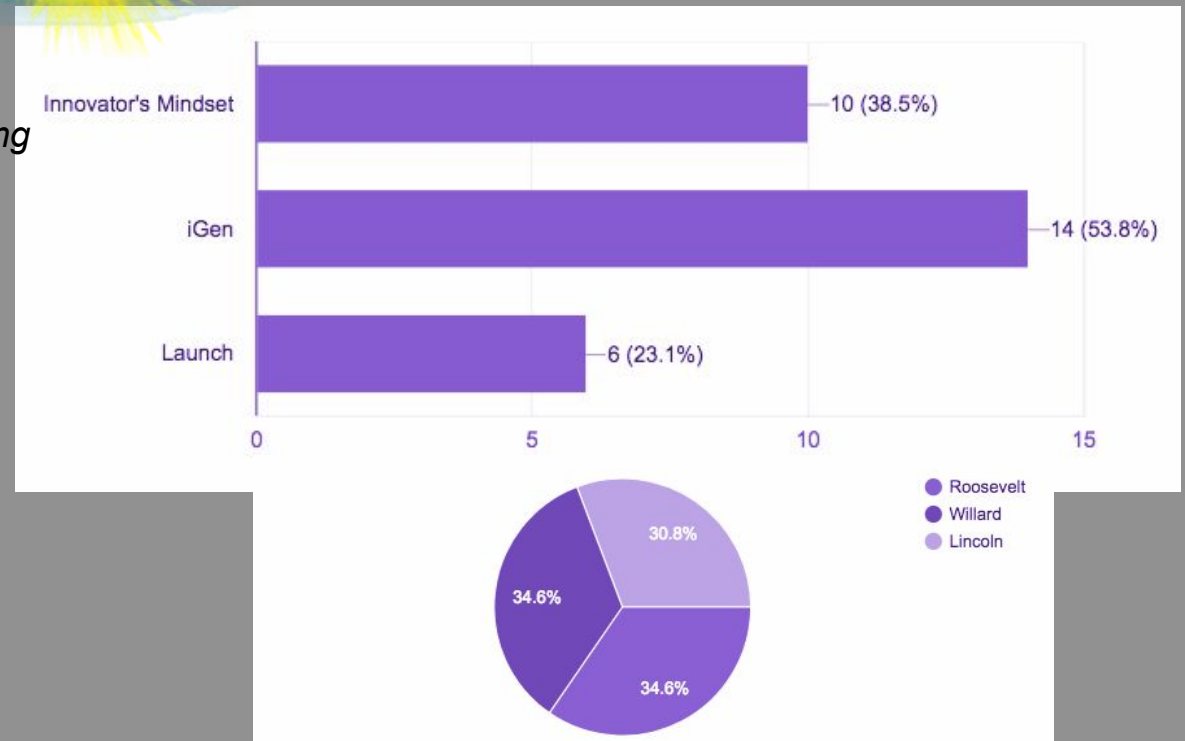


ISTE Standard for Educators: #1: Learner

Educators continually improve their practice by learning from and with others and exploring proven and promising practices that leverage technology to improve student learning.



12 teachers registered to attend ISTE conference



26 teachers signed up for Summer Book Club