
Curriculum/Technology Budget FY17

Presentation to the
Shrewsbury School
Committee

Acknowledgments

- ❖ Amy Prior, High School math teacher
- ❖ Cecelia Bolon, Thomas Cheng & Noah LeBlanc, SHS students
- ❖ Jill Carter, High School science teacher
- ❖ Tyler Yard, SHS student
- ❖ Jean Marie Johnson, High School math director
- ❖ Kathleen Camerato, Paton School 4th grade teacher
- ❖ Pam Weagle, Coolidge School 4th grade teacher
- ❖ Carol Virzi, Sherwood Middle School 5th grade teacher

Why is Investment So Critical?

Goals of the Initiative

- ❖ Innovation
- ❖ Motivation
- ❖ Collaboration
- ❖ Efficiency



Motivation/Innovation - Honors PreCalculus

<https://drive.google.com/file/d/0B97NuUn0PSAMa3BxTVRpS2NoeDA/view?usp=sharing>

Motivation/Innovation - Human Anatomy



<https://drive.google.com/file/d/0B9pdykThV2fZYZWY3OEVVVXo2ZjQ/view?usp=sharing>

Collaboration - Grade 7

Sarah McIntosh (Mac) Tue Jan 5, 2016 at 4:21 pm

CNN News 1/5- I think the most important story in this newscast was about the Zika Virus. This virus is infecting Puerto Rico and some parts of Brazil. I think that this is alarming because the mosquitos that transmit yellow fever also transmit this virus. The Zika Virus causes victims to have low fever, headaches, and develop a rash. I think that this discovered disease has infected over 1.5 million people in Brazil alone. The people who are infected pass it on to other people, along with mosquitos. And if the mosquitos in America develop this disease, we could have another crisis on our hands. Another thing about the Zika Virus is that pregnant women have the chance of giving birth to deformed babies. The deformities include spinal deformities, the need of care for their entire life. This is bad because this virus is causing babies to be born with deformities, which means they will need more schooling and practicing. The Zika Virus is so serious that some countries in America like Brazil have gone into a state of emergency, warning women not to get pregnant because of babies being born with deformities.

Show Less

Like 😊 1 · Reply

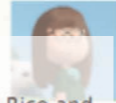
Hide All 4 Replies



Rauzat Saquib Wed Jan 6, 2016 at 6:18 pm

I agree with you, Sarah. Mosquitoes are everywhere, and it is hard to keep them from biting your skin and transmitting these diseases. Just because of one mosquito bite, one baby's life could be changed forever by a terrible deformity.

Like 😊 1 · Reply



Ms. Dolen

For those of you using PiktoChart- this is a video that shows you how to save your infographic as an image. After you save it as an image you should email it to yourself so you have it on your iPad. * Note- There is no sound in this video.

“If you have an apple computer you can turn on air drop and air drop it onto your iPad. This is what I did. You just have to be sure that Bluetooth on your computer is on.”



Nicholas D'Antilio

I don't have that quick time thing on my computer

Sat Nov 28, 2015 at 12:03 pm · Like



Ananya Jayamoorthy (Anu)

The quick time was either a mistake or that was how she recorded herself.

2015 at 6:56 pm · Like

Livier

I tried to download it and my computer wouldn't let

download it as an image and send it to myself but it didn't work so I don't have it to submit.

Nov 28, 2015 at 12:16 am · Like

Dodge (Ernesto)

Let me do it what is that?

Mon Nov 30, 2015 at 9:32 am · Like



Sarah McIntosh (Mac)

If you have an apple computer you can turn on air drop and air drop it to your iPad. That's what I did. You just have to make sure that Bluetooth on your computer is on.

Mon Nov 30, 2015 at 11:12 am · Like

“I agree with you, Sarah. Mosquitoes are everywhere, and it's hard to keep them from biting your skin and transmitting this disease. Just because of one mosquito bite, one baby's life could be changed forever by a terrible deformity.”

Efficiency - Communication

SHERWOOD MIDDLE SCHOOL

PARENT HANDBOOK



Sherwood's interactive parent handbook, which will be distributed at the start of the 2016-17 school year, will facilitate parents' ability to quickly access information.

HANDBOOK CONTENTS

Pick-Up-Drop
Off



Lunch



Off Campus



Nurse/Health



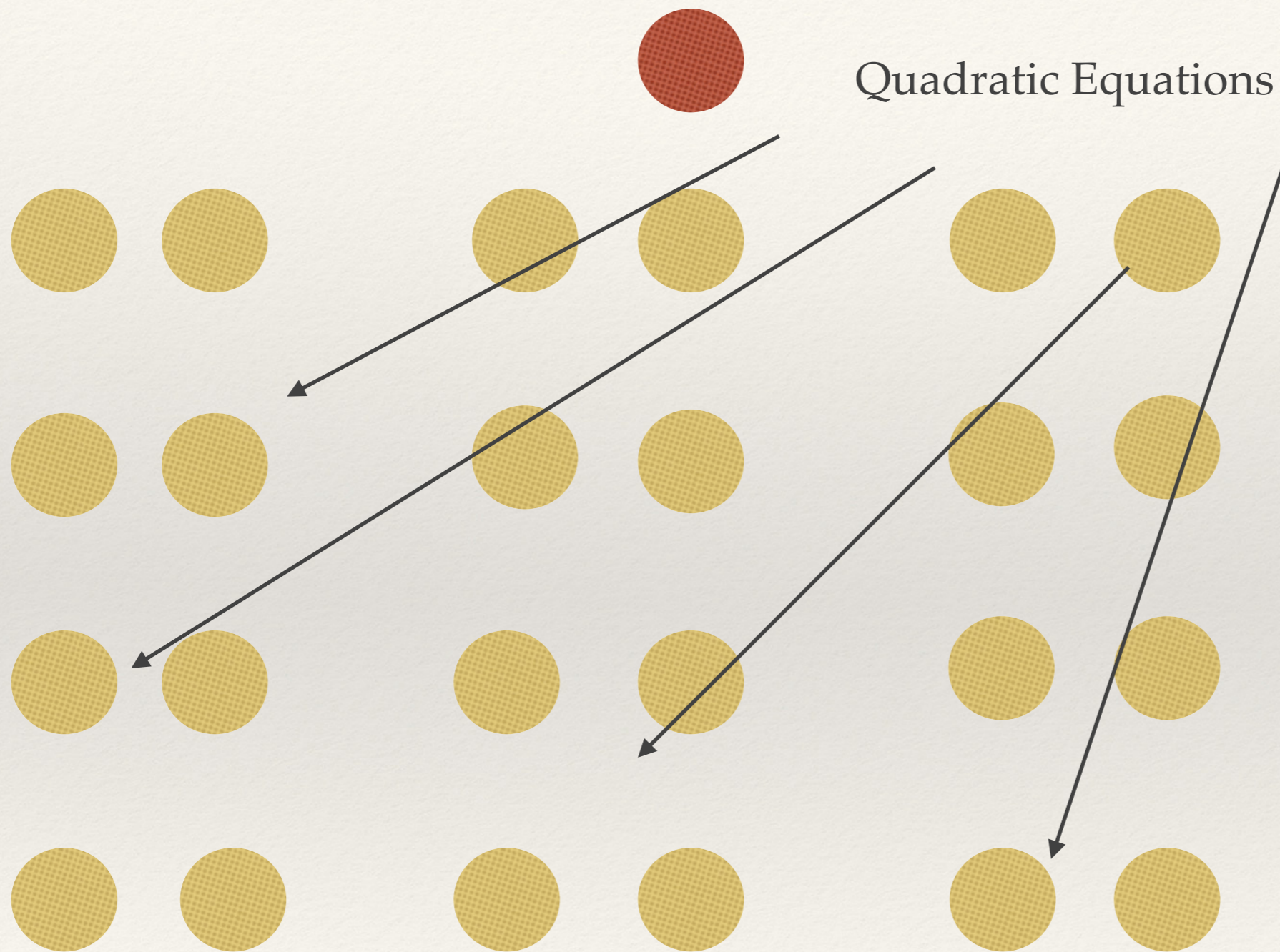
Publicity



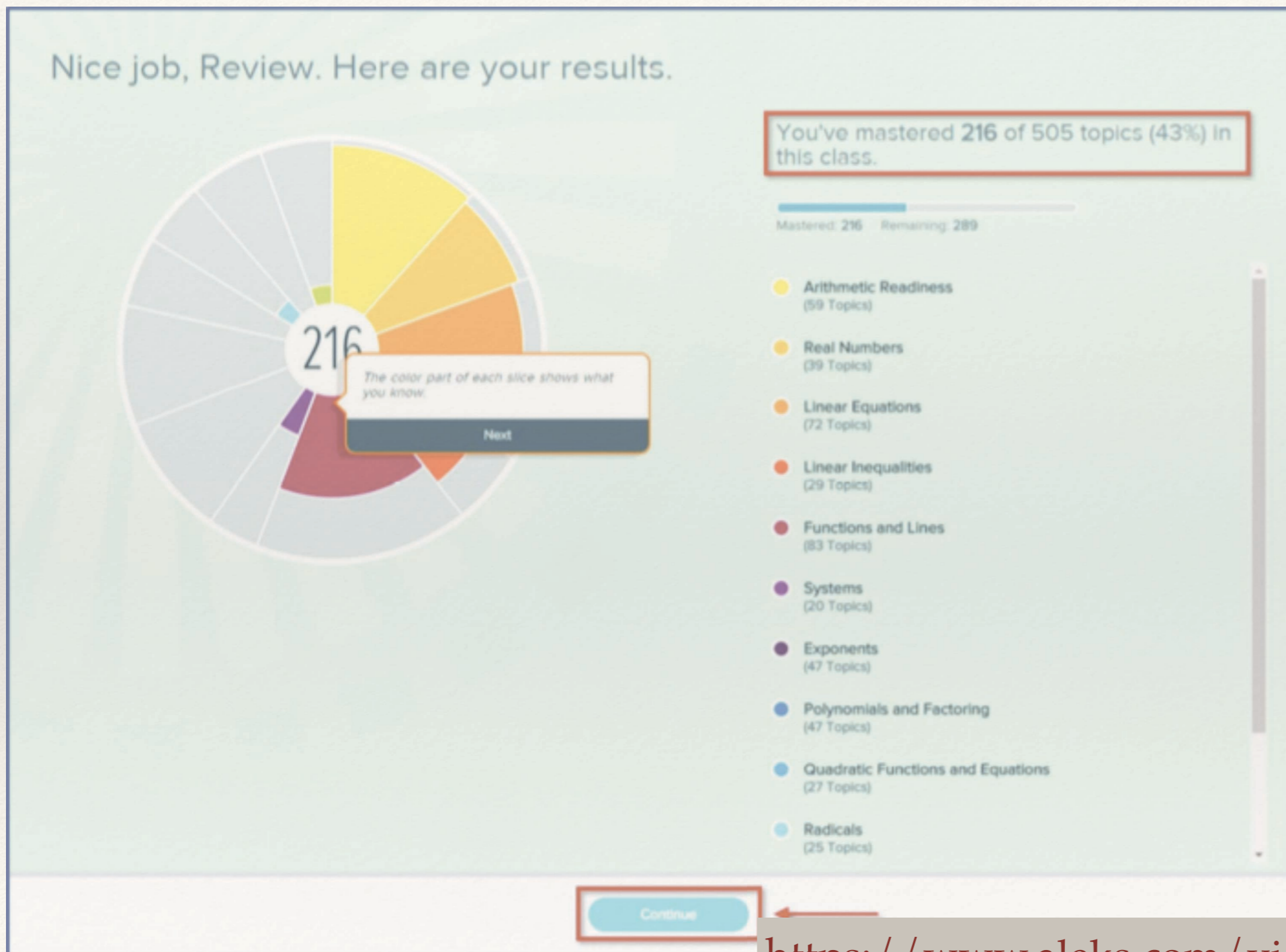
Food



Efficiency - Instruction

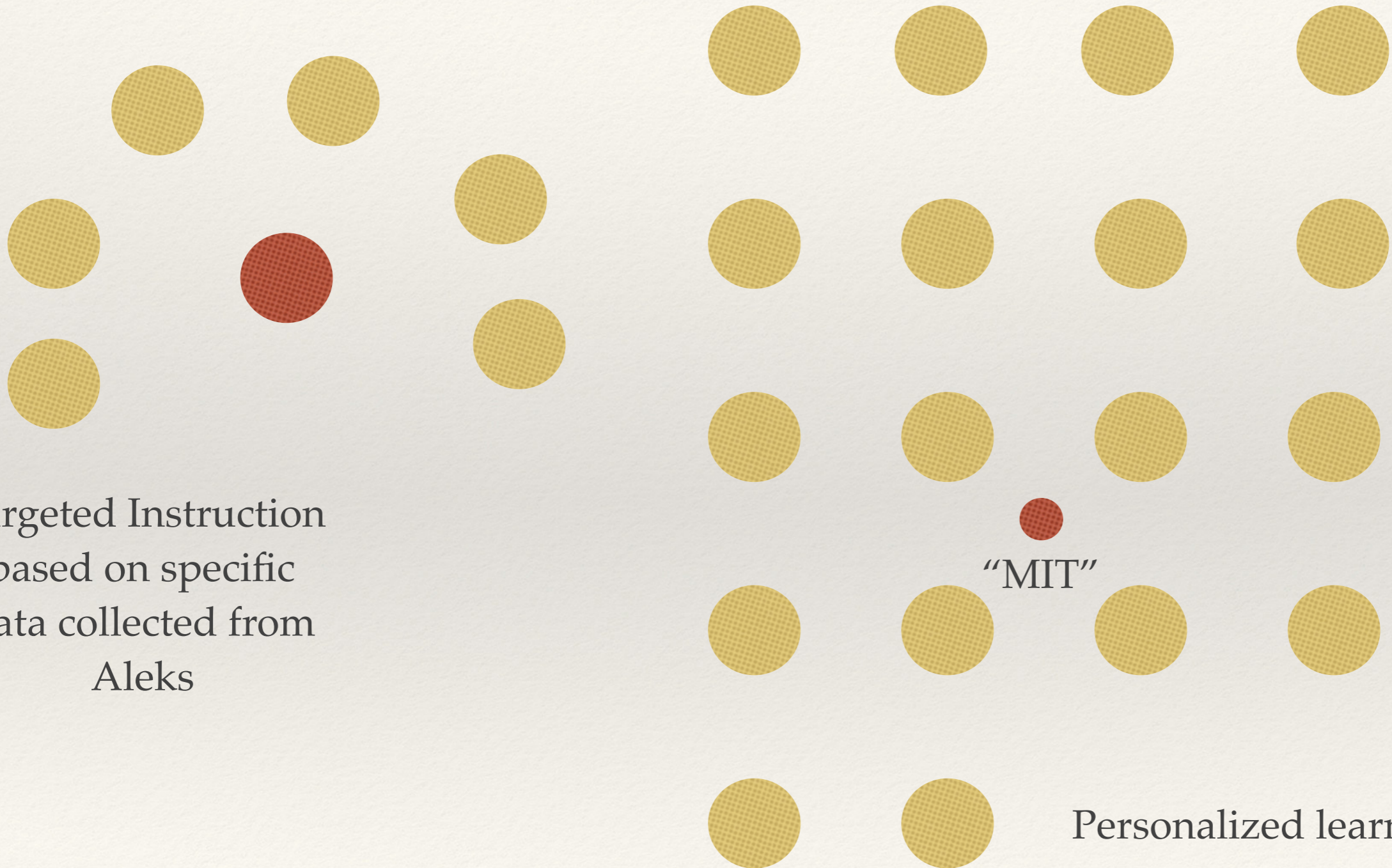


New Tool: Aleks



https://www.aleks.com/video/how_aleks_works

New, More Efficient Model



Targeted Instruction
based on specific
data collected from
Aleks

“MIT”

Personalized learning

Efficiency - Financial

- ❖ Printing & copying at SHS decreased with 1:1 launch
- ❖ No-cost digital materials
- ❖ Clerical tasks greatly reduced in all professional-level positions
- ❖ Redeployment of curriculum apps year-to-year
- ❖ District-created textbooks with no refresh costs going forward

Shrewsbury Students Will Be College Ready

Dean for graduate education to take leave, start new university

By William Navarre

NEWS EDITOR

January 28, 2016

Ortiz said the university would focus on project-based learning and would dispense with some of the familiar hallmarks of university education, like the lecture.

“I don’t see it having any face to face, on-the-ground lectures, actually,” she said. “No majors, no lectures, no classrooms.” - Source: The Tech On-line Edition, MIT

Shrewsbury Students Will Be College Ready

HARVARD UNIVERSITY

HARVARD.EDU

MAKING
CARING
COMMON
PROJECT



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Parents and Caretakers

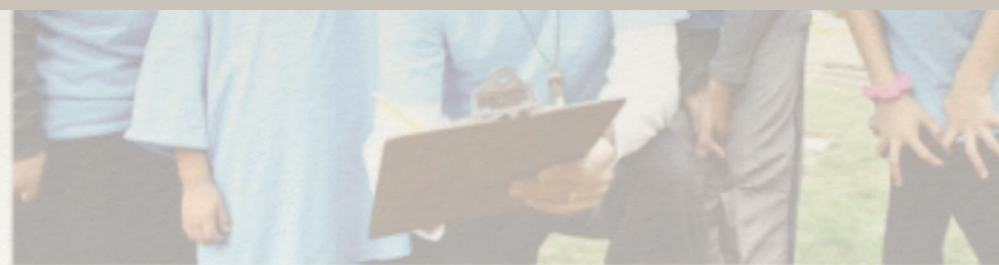
Educators

Focus Areas and Resources

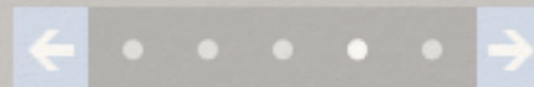
News ▾

- ❖ "...the goal isn't long brag sheets. The goal is meaningful academic engagement and spirited, passionate learning and it's meaningful ethical engagement."

Richard Weissboard - Harvard School of Education

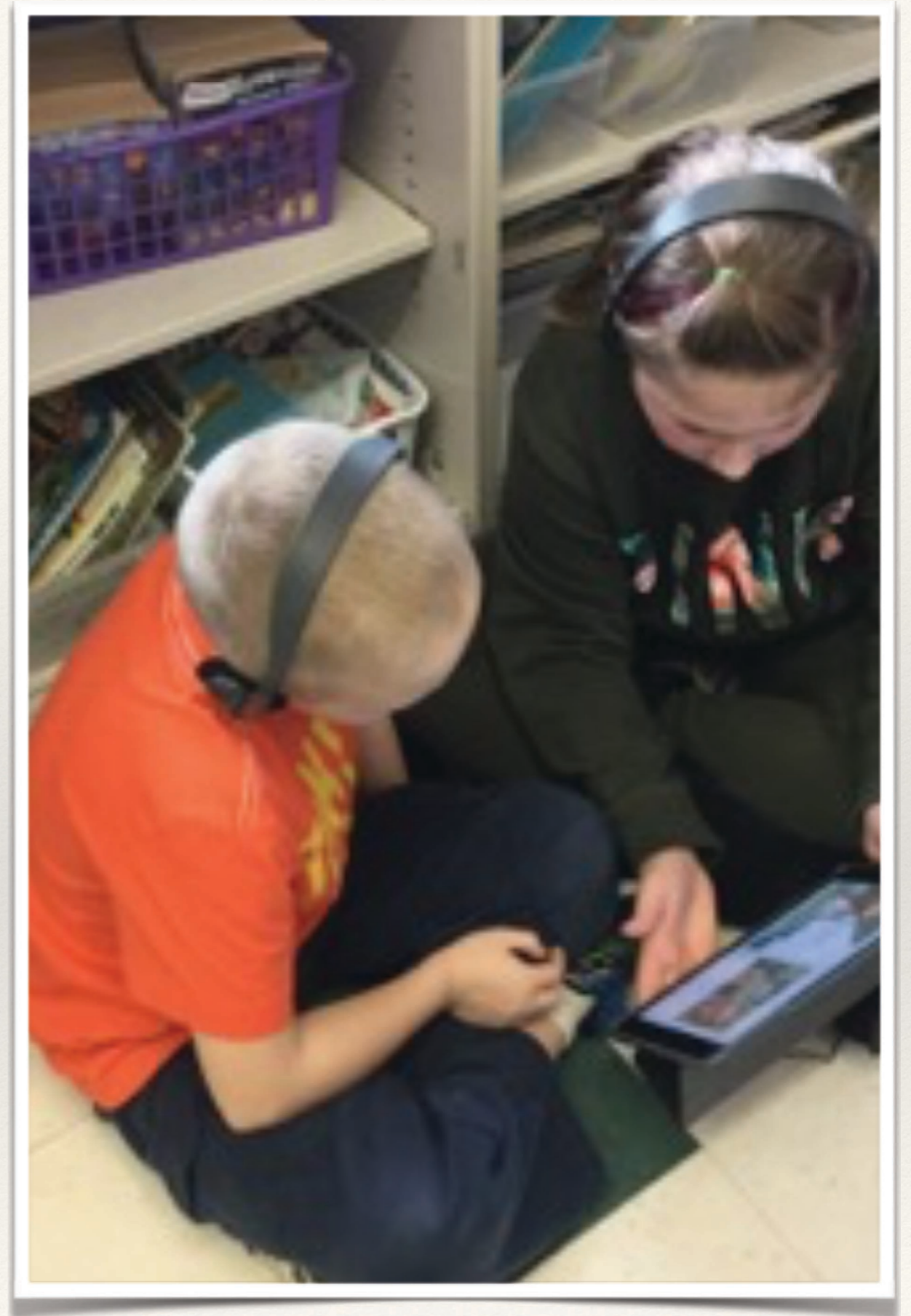


our partners, and parents like you. Together, we can make caring common!



Critical Question

How Do We
Expand Access
Without Impacting
Town Budget?



Improving the Transition, Expanding the Opportunities

4th Grade 1:2 iPad Program

Demand to Expand Access

- ❖ PTOs' enthusiastic fundraising to support technology
- ❖ Educator requests for additional access to technology
- ❖ Enhance program by providing better transitioning to 1:1 environment
- ❖ Need to overcome limited Town resources

Grade 4 Pilot Parent

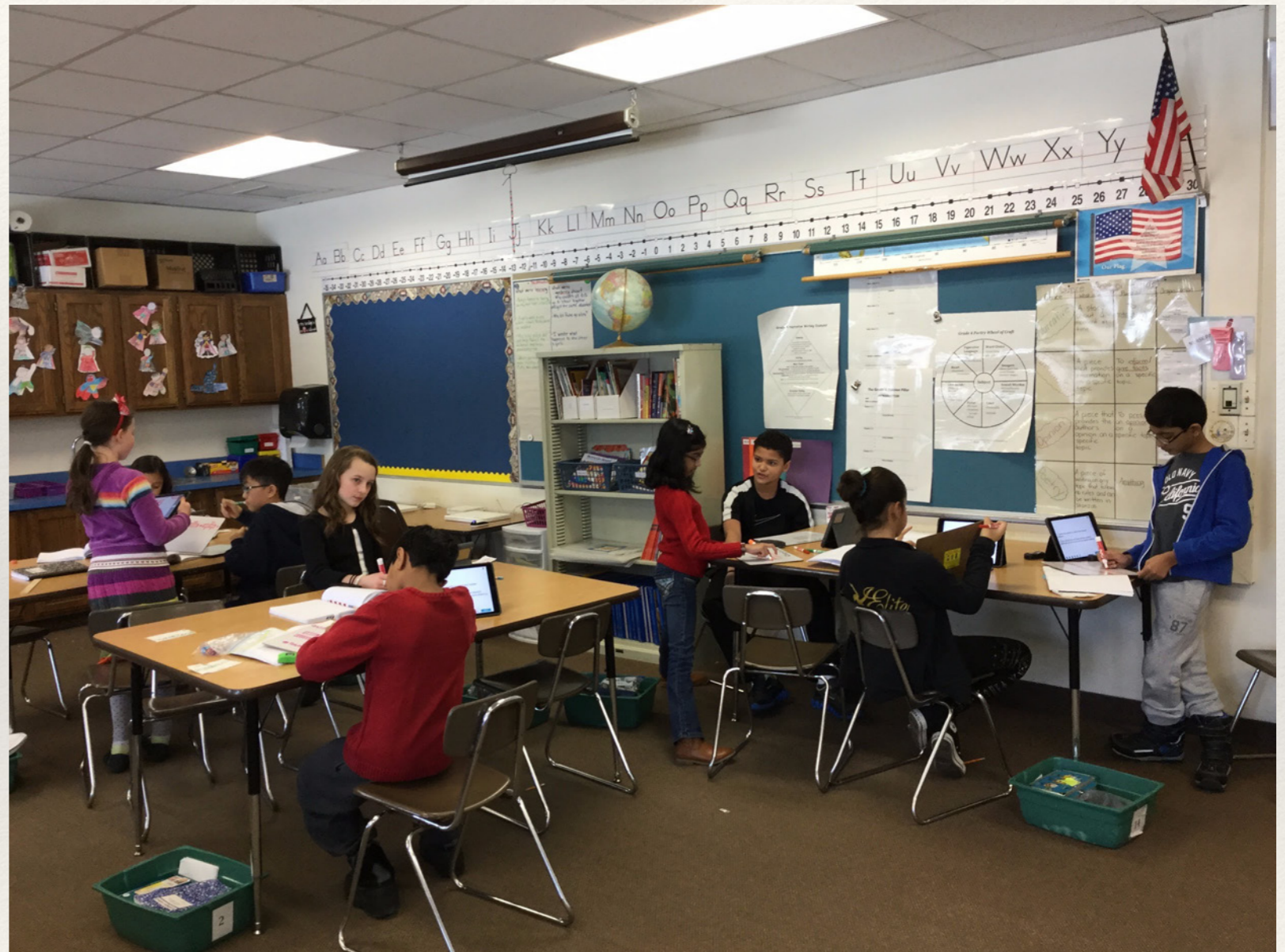
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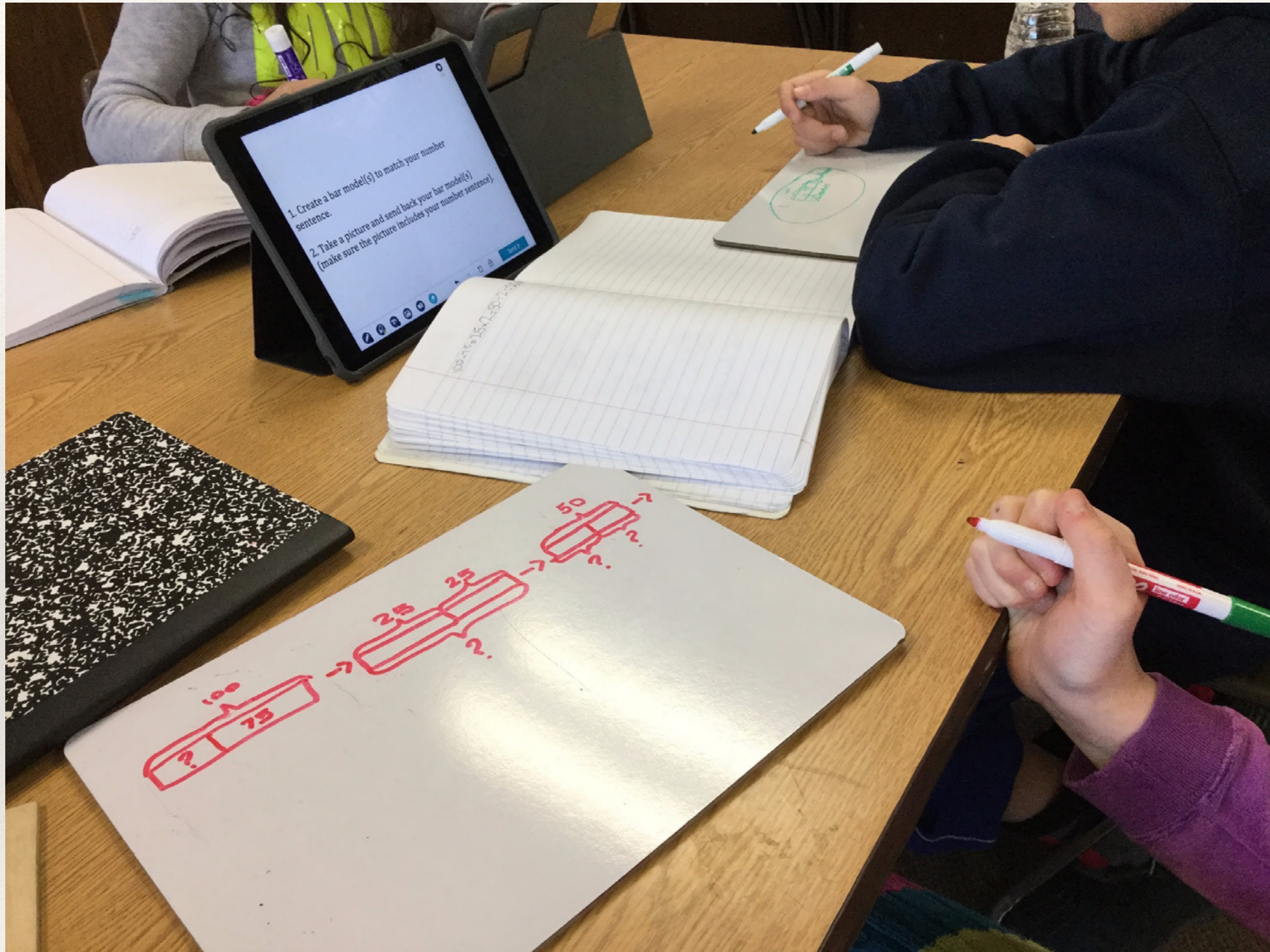
Addressing the Demand in a Fiscally Responsible Manner

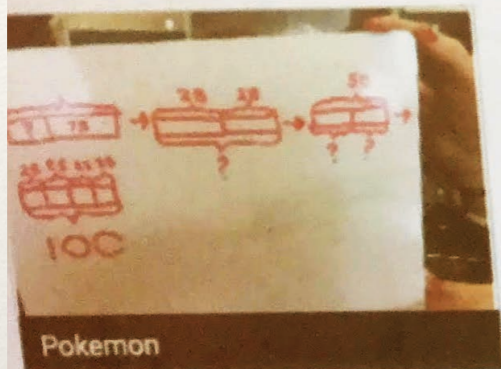
- ❖ Overcome limited Town resources by using parent and community donations to pilot and prepare for a full rollout of a 1:2 environment in 4th grade
- ❖ Achieve full implementation by redeploying existing devices

Enhancing Math Instruction in Grade 4

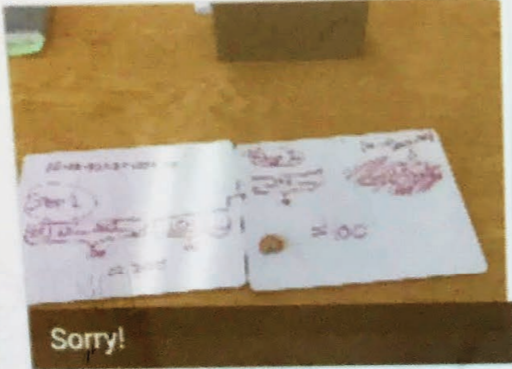
Developing the concept of 100 on the 100th day of school using bar models, story contexts, and number sentences



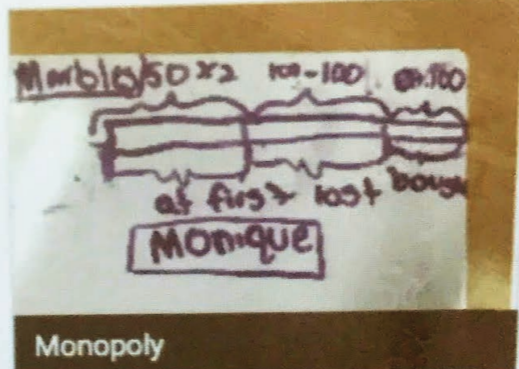




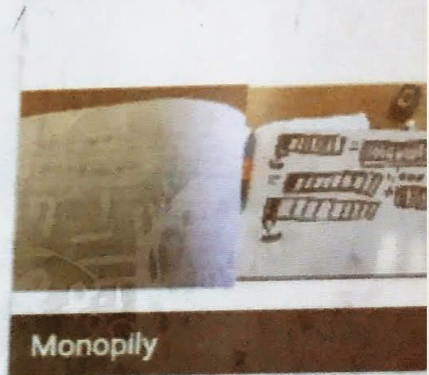
Pokemon



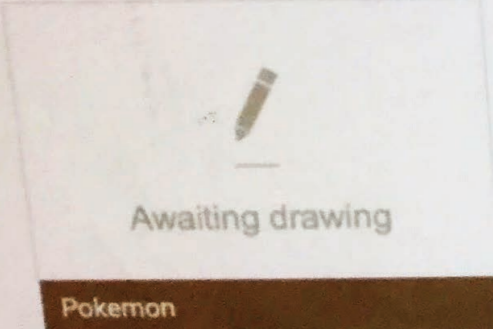
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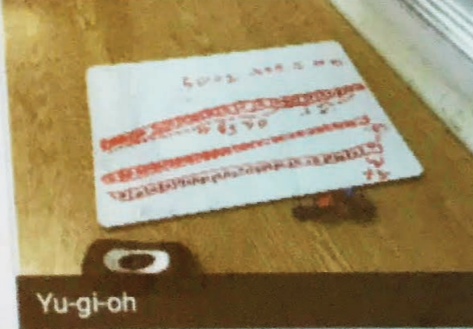
Monopoly



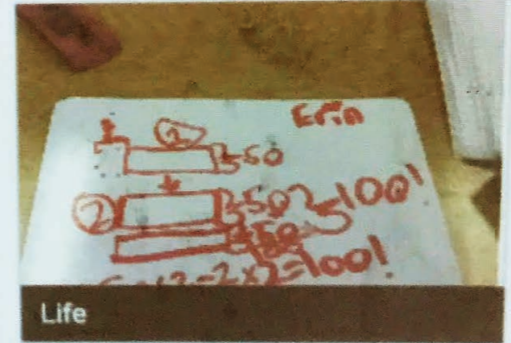
Monopoly



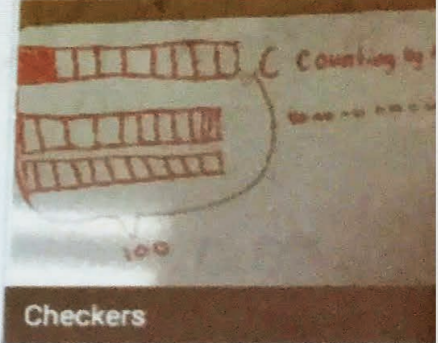
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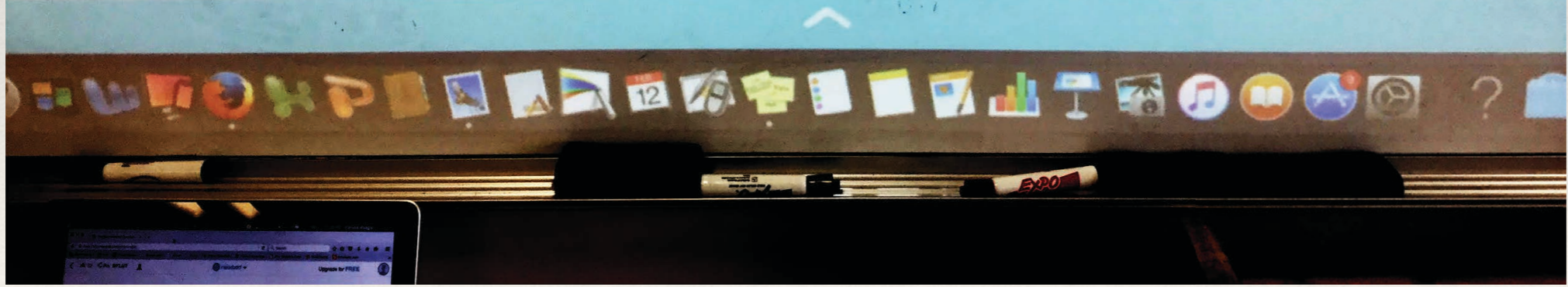
Yu-gi-oh



Life



Checkers



Enhancing ELA Instruction in Grade 4

- ❖ Students read a book about sit ins that took place during the Civil Rights movement. They then used Explain Everything to create videos explaining the causes and effects of the events.



Grade 4 Pilot Teacher

<https://drive.google.com/file/d/0B9pdykThV2fZMlRoR1pfT0JqLVk/view?usp=sharing>

Curriculum and Technology Budgets Becoming One

Digital Instructional Materials

You are not currently enrolled as an admin in this course. [Enroll now](#)



Algebra & Geometry II: Section 1

Shrewsbury High School

[Add Materials](#) ▾ [Options](#) ▾

All Materials ▾

- Schoology Rules to follow for Semester 2 in Math Class.docx** 126 KB
- Homework Assignments Semester 2**
SUBMIT ALL Assignments to Schoology!!!
Must submit PDF versions of Assignments. Do NOT submit pics!!
- Resources and Reference Sheets**
This folder has the syllabus, communication rubric, MCAS reference, and other good stuff to use throughout the school year!
- Unit 3 Quantities and Relationships**
- Unit 2 Linear Equations and Systems of Linear Equations**
- Unit 1 The Real Number and Complex Number Systems**

Reminders

137 ungraded assignment submissions

Upcoming · [Add Event](#)

Thursday, February 25, 2016

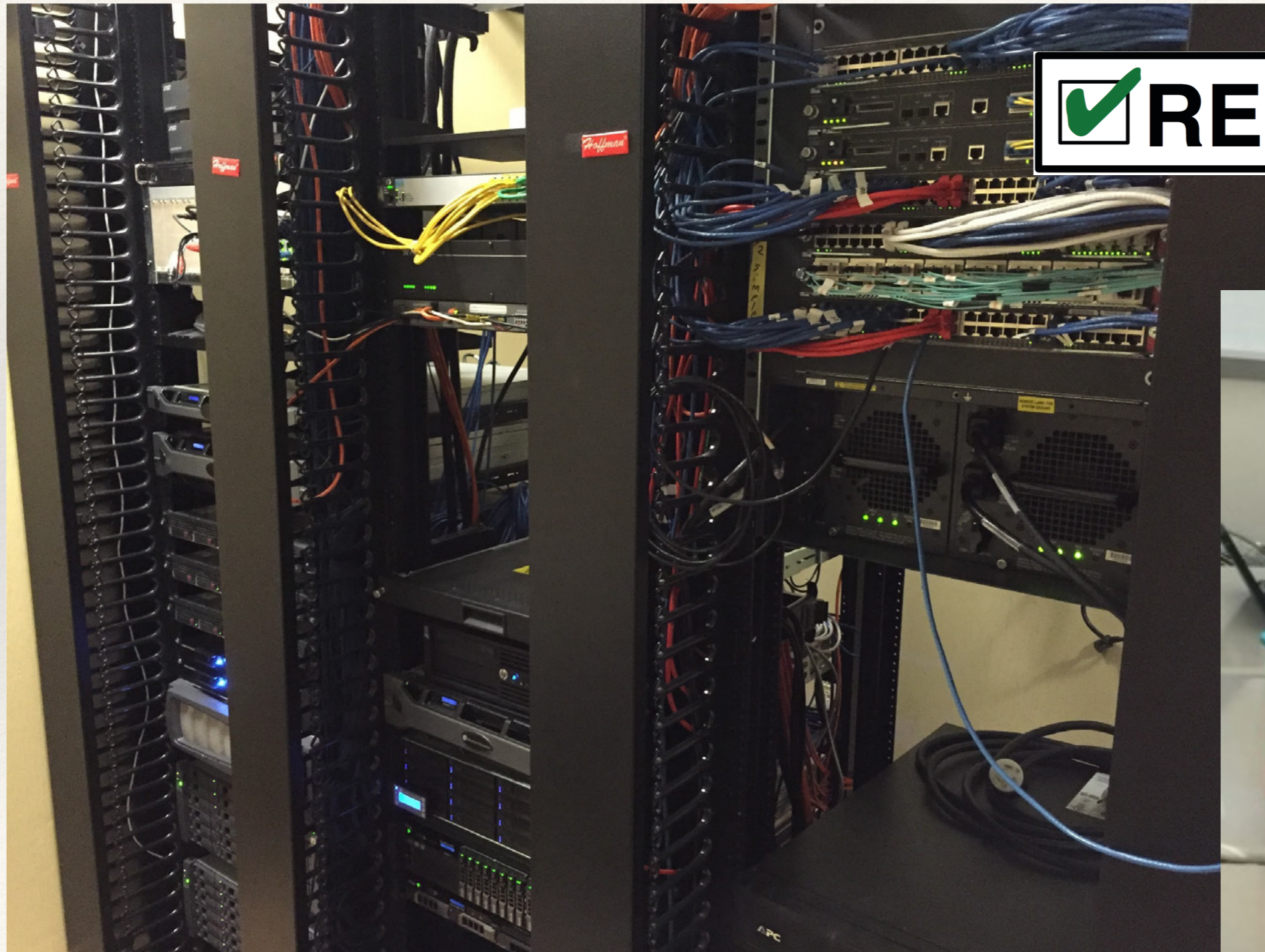
HW from Wednesday, February 24th
11:59 pm

- Course Options
- Materials** ▾
- Updates 15
- Gradebook
- Mastery
- Badges
- Attendance
- Members
- Analytics

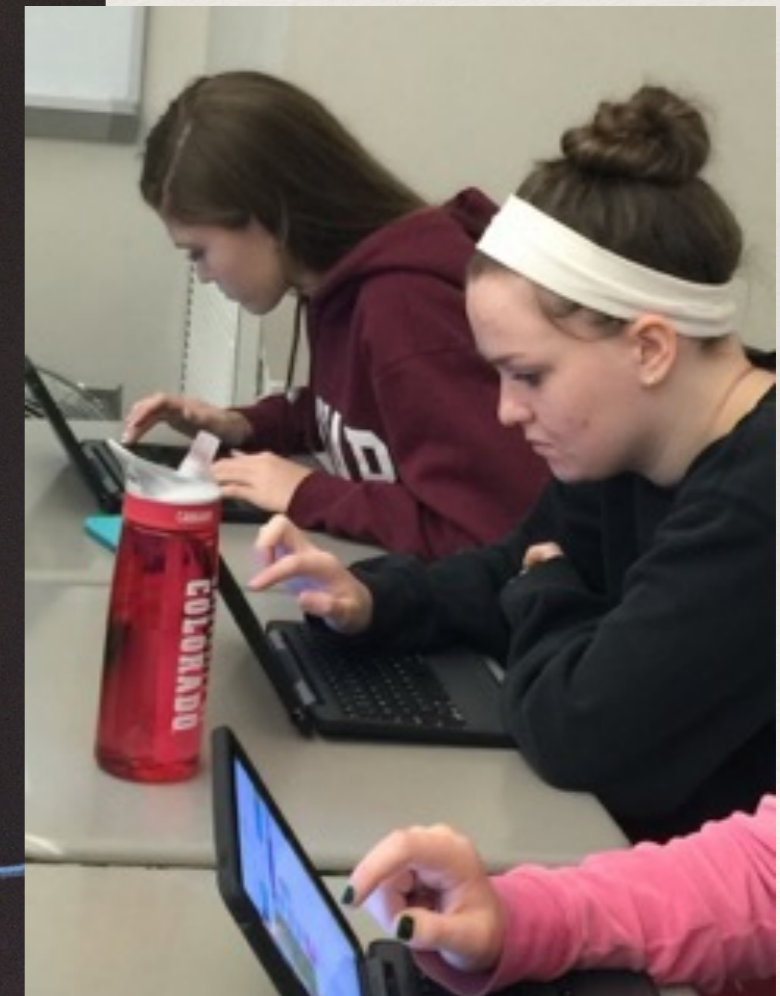
Access Code
GZW6W-XD5XX [Reset](#)

Information
Grading periods
2015-2016: 9/01/15 - 6/30/16. Semester 1:

Reliability = Usage



 **RELIABILITY**



FY 17 Budget Detail

Overview of Curriculum and Instruction Budget

- ❖ Texts and Instructional Equipment shifting to software
 - ❖ Aleks, Listen Current, Lightsail, Vocabulary.com
- ❖ Possibility of shifting Mentor Stipends to Title IIA grant
- ❖ Details for Curriculum Development and Professional Development line items are under development

Overview of Appropriated Tech Budget



- ❖ Main sources of increase:
 - ❖ iPads for incoming grades 5 & 9
 - ❖ Potential \$97,000 in savings from initial budget due to change in purchase model
 - ❖ iPad cases for incoming grades 5 & 9
 - ❖ Last purchase in FY15
 - ❖ Maintenance for Wi-Fi access points
 - ❖ Networked storage array maintenance
 - ❖ 3-year initial warranty from Sherwood building project has expired

Recommendation for
Class of 2016 iPads

The Opportunity

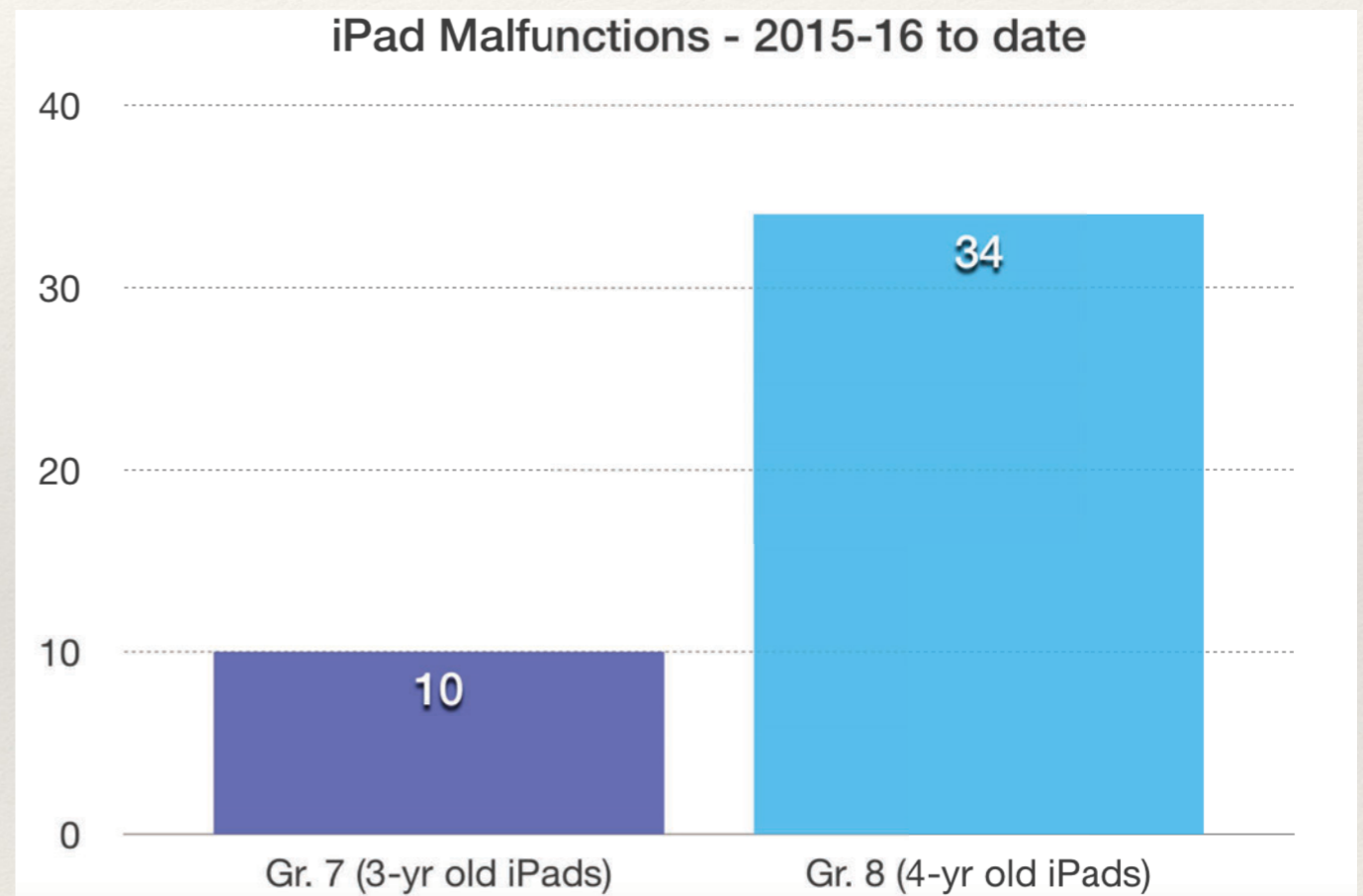
- ❖ iPads of Class of 2016 members have been used for one year
- ❖ These don't fit into our 4-year replacement cycle
- ❖ How do we best utilize these resources?

Options Explored

- ❖ Trade in
 - ❖ Very low trade-in value compared to cost and utility
- ❖ Keep & redeploy

Options Explored - Redeployment

- ❖ Reuse for incoming freshmen or 5th grade
- ❖ Concerns about 1:1 replacement cycle greater than 4 years
 - ❖ Hardware durability
 - ❖ Operating system / app support
 - ❖ Proactive vs. reactive
- ❖ Non-1:1 replacement cycle
 - ❖ Lighter duty / not going home
 - ❖ Failure less impactful



Best available option

- ❖ Redeploy 132 iPads to 4th grade 1:2 program
- ❖ Redeploy remaining to refresh aging iPads elsewhere in district

If we teach
today's students

as we taught
yesterday's,

we rob them of
tomorrow.

John Dewey

Poster-Quest

We Welcome Your Questions