



# Building the Curriculum & Instruction Budget

*Fueling Teaching & Learning in Shrewsbury*

# Empowering Learners

## *Priorities 2017-2018*

- Professional Development
- Science Content & Practices
- Inclusive Practices
- Cultural Awareness
- Responsiveness to Data

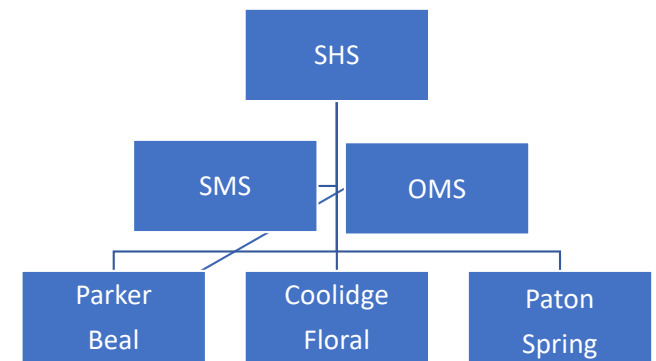




# Ongoing Investments

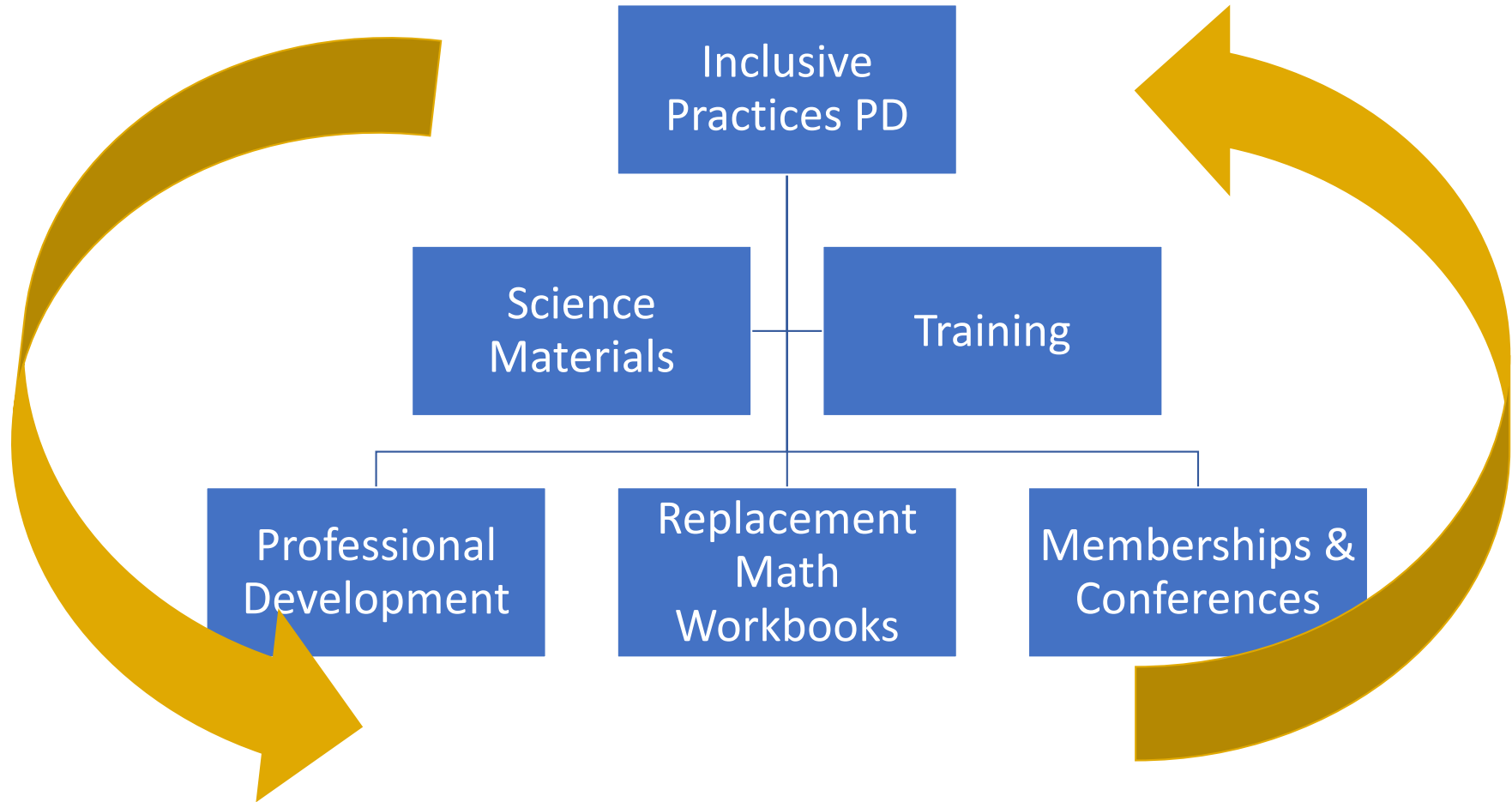


**Prioritizing District Needs**



***Balancing Needs  
by Level***

## An Elementary Example:



# A Closer Look:

# Science

2016-2017

2018-2019

2019-2020

Pilot  
Teachers



"Plus 1s"



All K-8



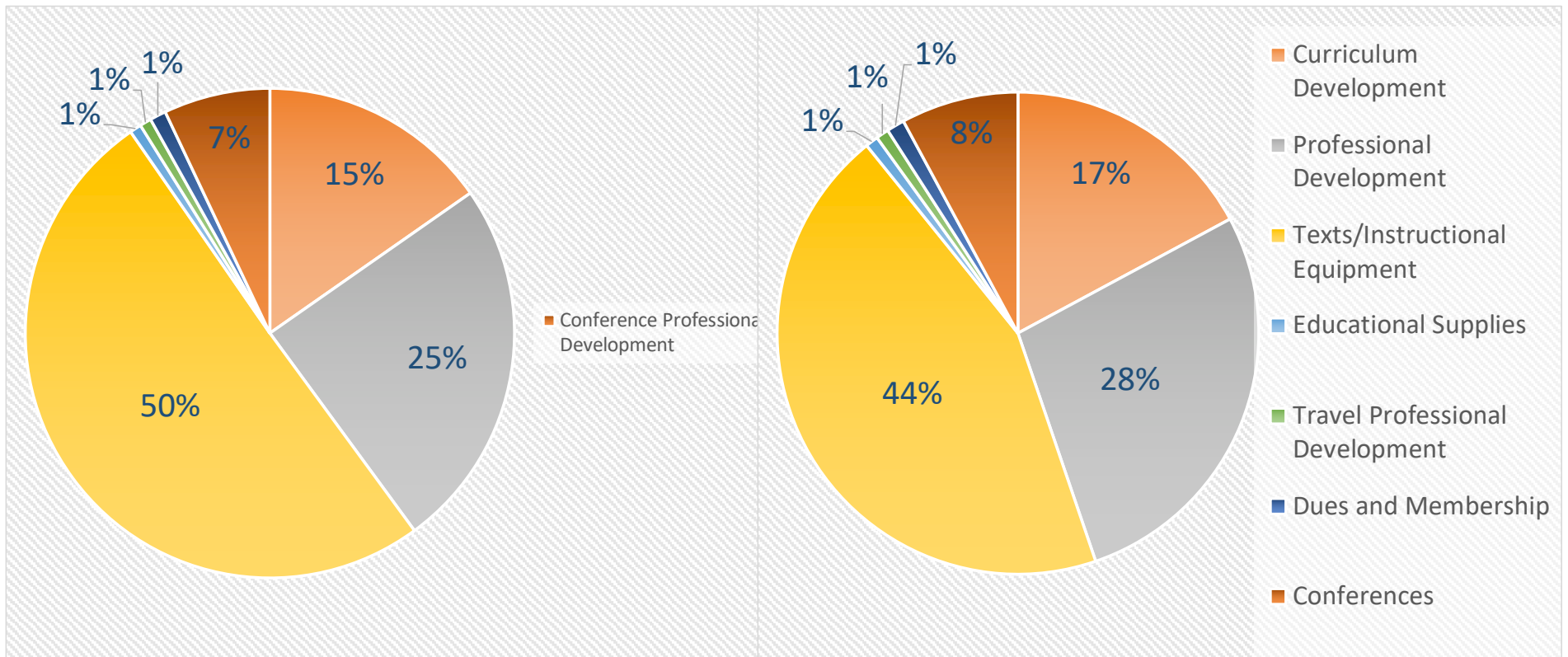
2016-  
2018



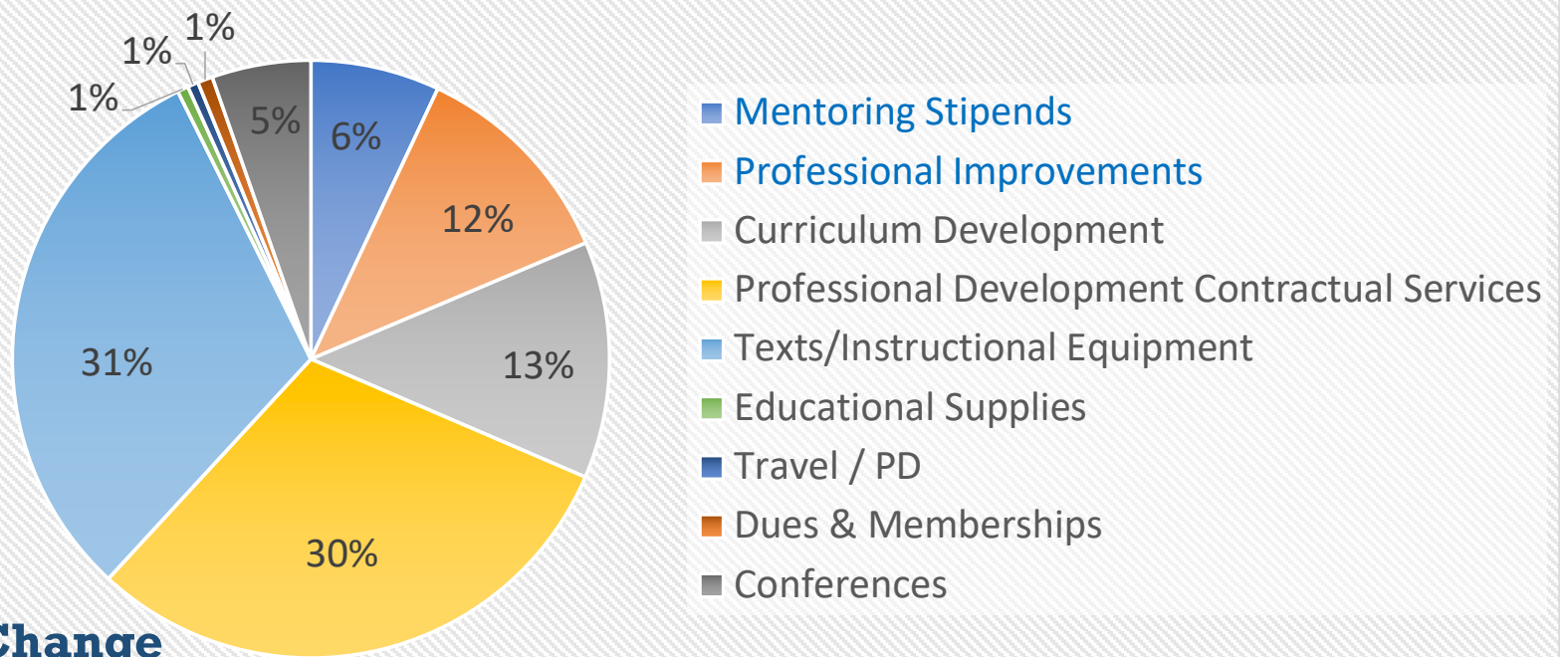


FY 17: \$326,792

FY 18: \$291,508

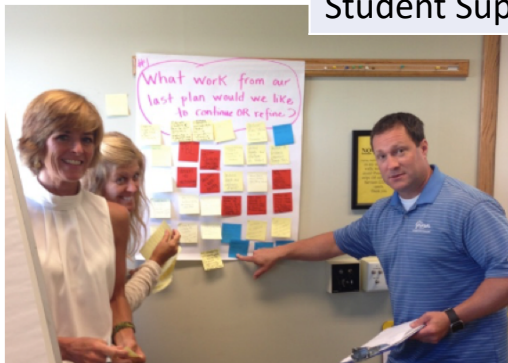


FY 19 Proposed: \$429,148



# Grant Funding

Grant	FY17	FY18	change
Title I – Student Support	\$206,874	\$360,371	+ \$153,497
Title IIA- Teacher Quality	\$84,280	\$106,783	+ \$22,503
Title III- Language Education	\$29,580	\$32,474	+ \$2,894
Title IV- Student Support	0	\$5,297	New in 2018

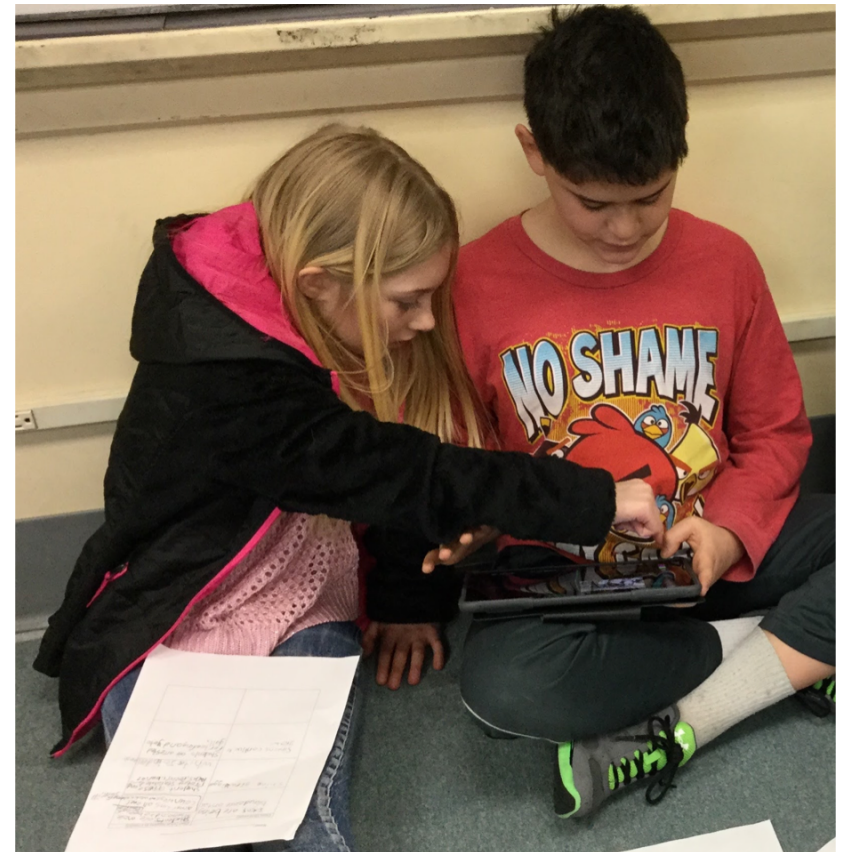




# Connected Learning for a Complex World



# Technology Enhancing Learning in Grade 4



# Students Easily Incorporate Teacher Feedback to Enhance Writing


## Sally's Rescue!

By Awesome Iguy

**Splash!** I am stuck in a weird net and I slam my tail down. Then suddenly a huge wave pushes me and I tumble and then everything goes black.


I wake up to see two small mysterious creatures sprinting towards me! I start thinking if I know these creatures and then I remember that my Mom told me they were humans! But as soon as I think of Mom I want to be back with her and Dad so I look up at them in desperation, like I'm asking them to free me. They say something I do not understand but I hear that their voices have adoration and worry for me. Suddenly one sprints away towards a cabin I now see more clearly than before (my eyes were still blurry from the tumble.) He disappears inside the cabin and suddenly reappears with bigger creatures. One of the big humans (named dad I soon realize because his shirt says "World's Best Dad!") untangles the net (I make a note in my mind that these humans are quite big-hearted) that was tangled to me and plops me into the shallow water.

I stay there, not swimming away because my parents aren't near here. The other big human named Mom pushes me farther into the water, but I swim back. Then suddenly as I'm swimming back my ears pop! I hadn't even realized that I wasn't able to hear. Now that my ears have popped I hear one of the smaller humans (named Anna) almost beg "I'm going to name her

 Kathleen Cam...  
Mar 1, 2017

Resolve

Fantastic so far! Can't wait to read the rest!

 Kathleen Cam...  
Mar 1, 2017

Resolve

Isaac, how can you break up your narrative into paragraphs?





What is the theme of the story? Use evidence to support your thinking.  
By Nate and Gretchen

The theme of the story is to be a friend. We think this because Jeff saw Jennifer and she asked if he can sit next to her but Jeff wanted to sit with Tim. He felt bad for tim because he had experienced being lonely. Another reason is the text stated that jeff said to tim "That's why I sat with you." "To let you know someone cares".this shows that Jeff cares a lot about Tim.

## Exploring Theme...

What is the theme of the story? Use evidence to support your thinking.  
By Caeley and Jack

## Collaborative Writing with Google Slides

The theme of the story is friendship because in the text it said 'Tim asked why did you sit with me that first day and then Jeff said because you needed me. This represents friendship because Jeff could have sat with the popular kids but he sat with Tim.our second example of friendship is when Tim said,'Months earlier all he had seen was a funny looking nose and Dumbo ears.Now he was seeing Jeff really seeing him. All in all this represents there's friendship in Seeing,Really Seeing.



▾ Course Options

[Morning Meeting-4: Section 3](#) ▸ [Reading](#) ▸ [Guided Reading](#)

[My Side of the Mountain](#)



## Character Traits and Emotions

Choose a character and describe a trait and (if you can) an emotion for that character. You **MUST** support your answer with details from the text.



**Atharv**

Wed Nov 1, 2017 at 2:02 pm

Jessica is attentive. I think she is attentive because when her mom called her down for breakfast, she went down right away.

Like 😊 2 · Reply

[Hide All 2 Replies](#) 2



**Angad**

Wed Nov 15, 2017 at 2:13 pm

I think Atharv is totally right about Jessica

Like · Reply



**Mrs. Goulding**

Wed Nov 15, 2017 at 2:14 pm

Did Jessica do anything in school yet to support your idea that she is attentive?

Like · Reply



**Jiya**

Wed Nov 1, 2017 at 2:04 pm

My emotion for Jessica is that she feels sorry for tommy because she was being mean and ever

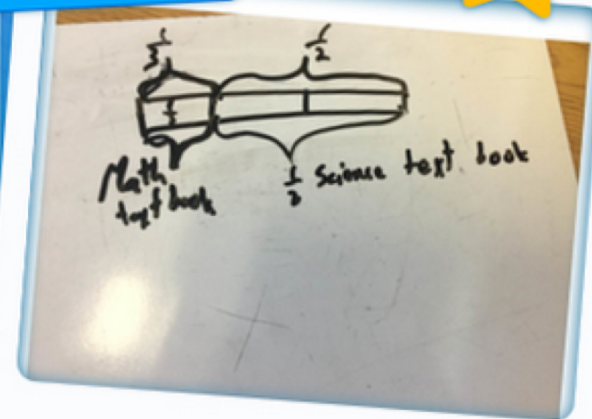
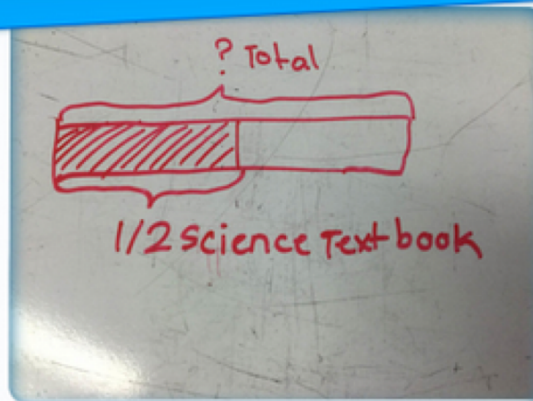
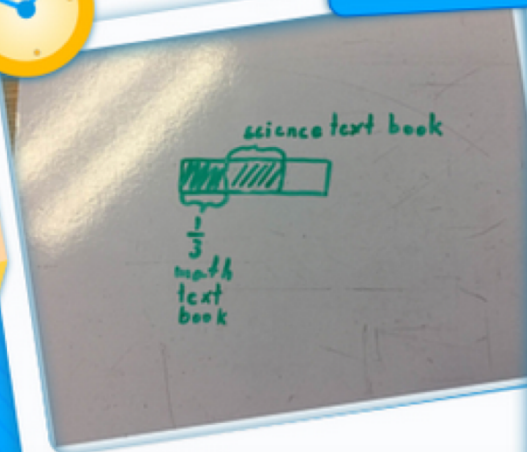
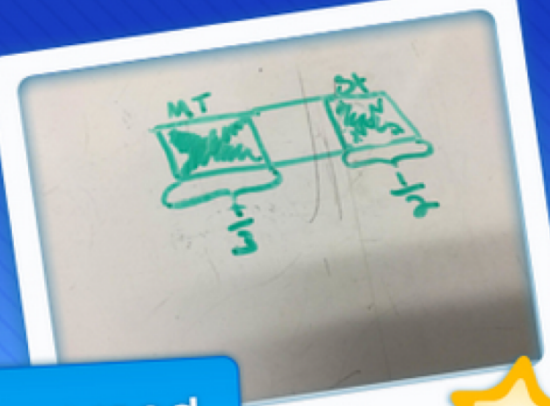
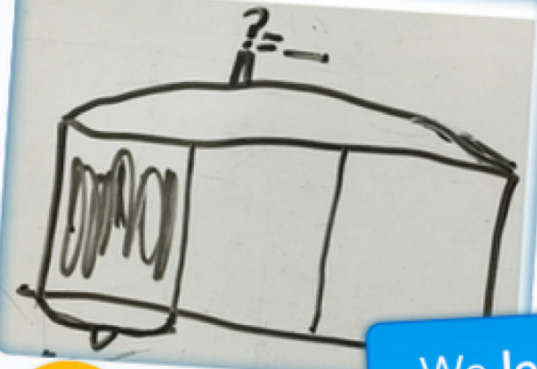
Like 😊 1 · Reply

## Data - Textbooks

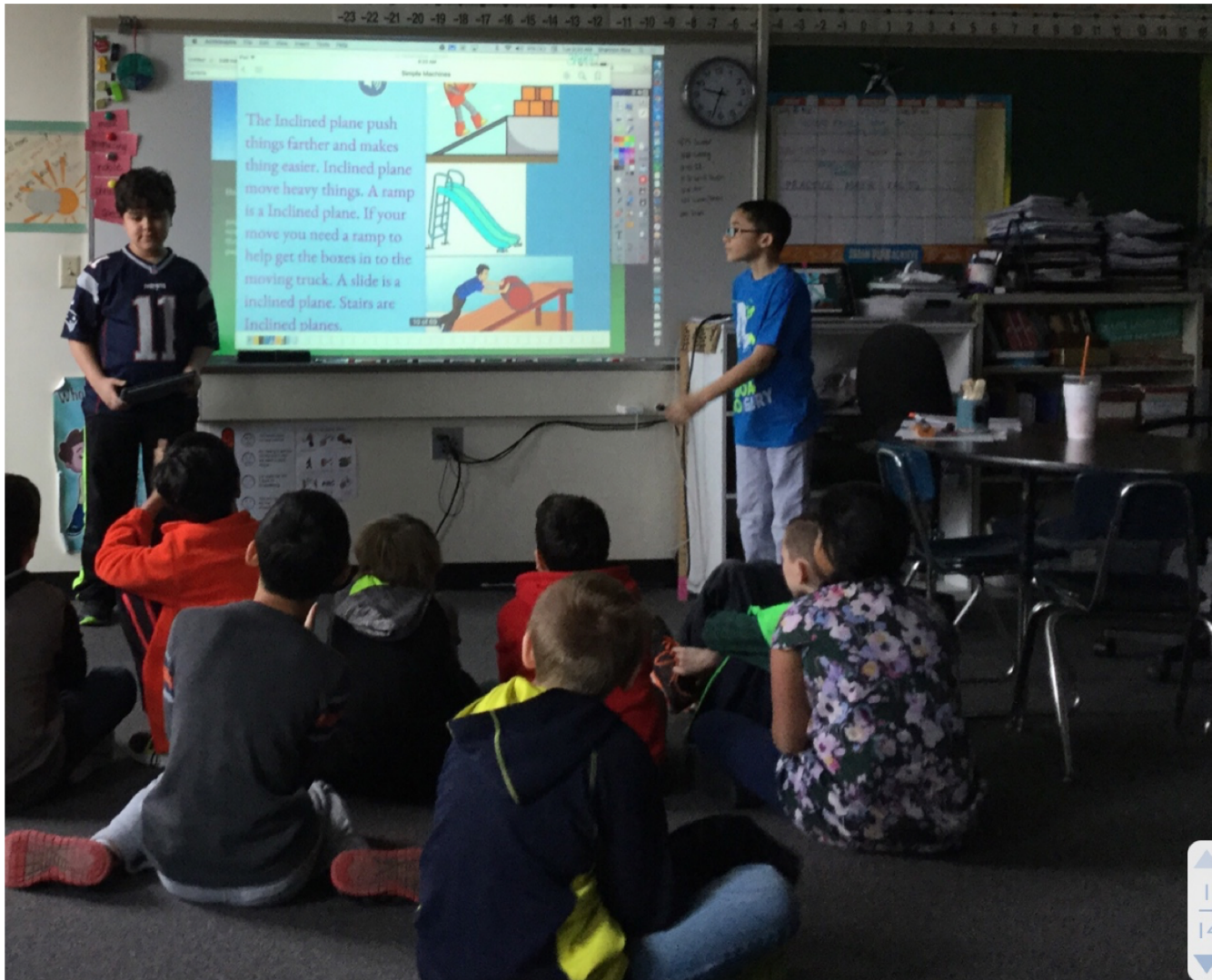
### OBJECTIVE:

- practice partner work
- use the problem solving steps to understand, represent and solve problem
- review bar modeling

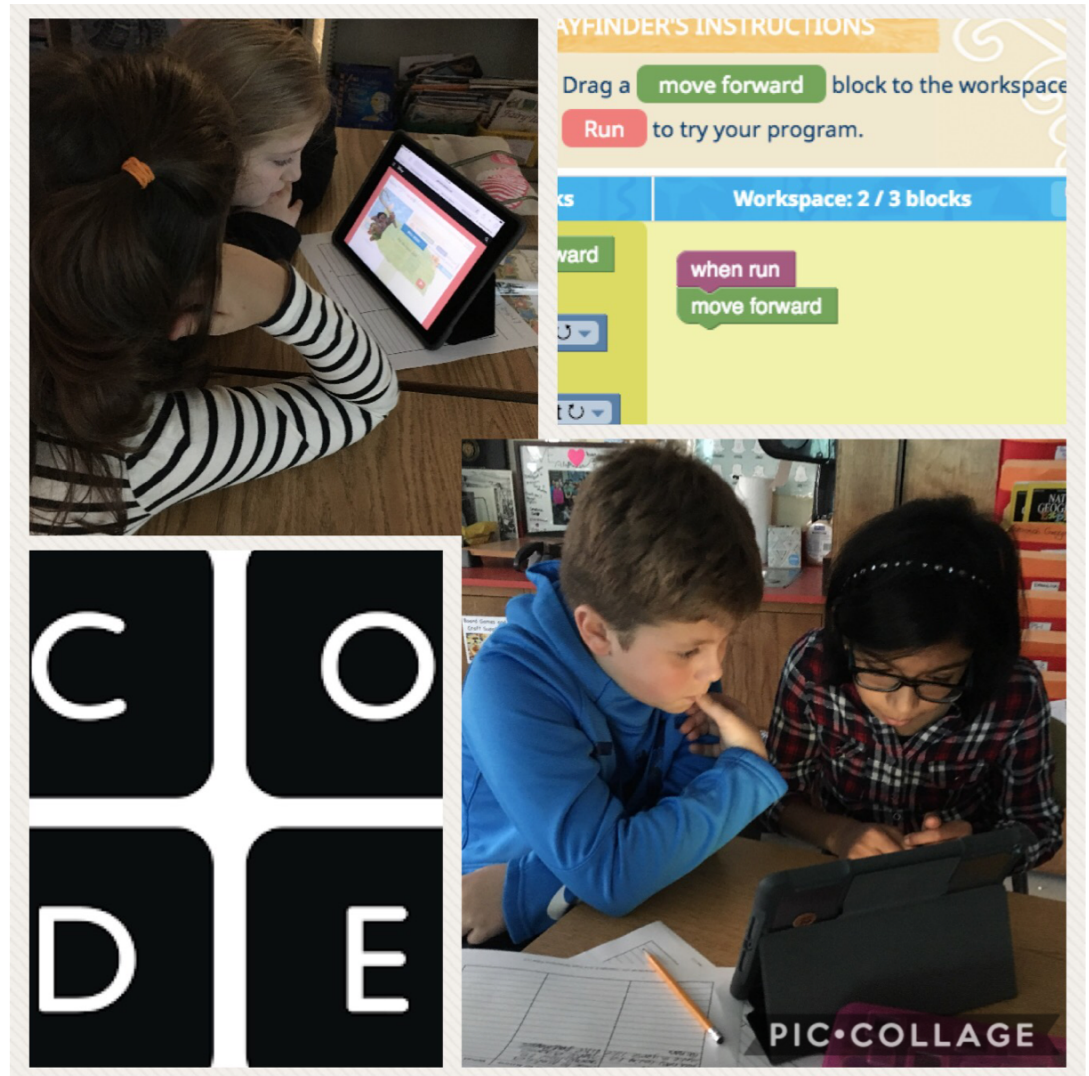
We learned so much today on  nearpod







# 4th Graders Celebrate the Hour of Code in Honor of Computer Science Education Week



# Ongoing Evaluation of 1:1 Devices





# Powered by People

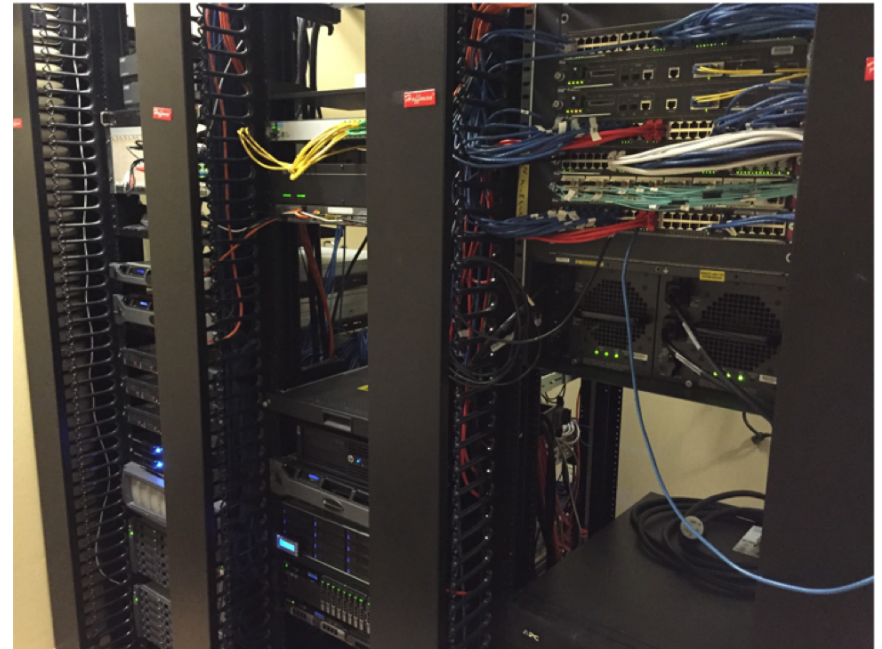
Curriculum & Instruction Staff



Staff FY 18	Elementary Instructional Coaches / Curriculum Coordinators	Middle Level Curriculum Coordinators	9-12 Department Directors	K-12 (District) Directors
21	6	4	4	7

# Overview of IT Budget

- Hardware
- Software
- Data Processing
- Internet access
- Servers
- Switches & Wi-Fi access points
- Audio/Visual Equipment
- Repair and Maintenance

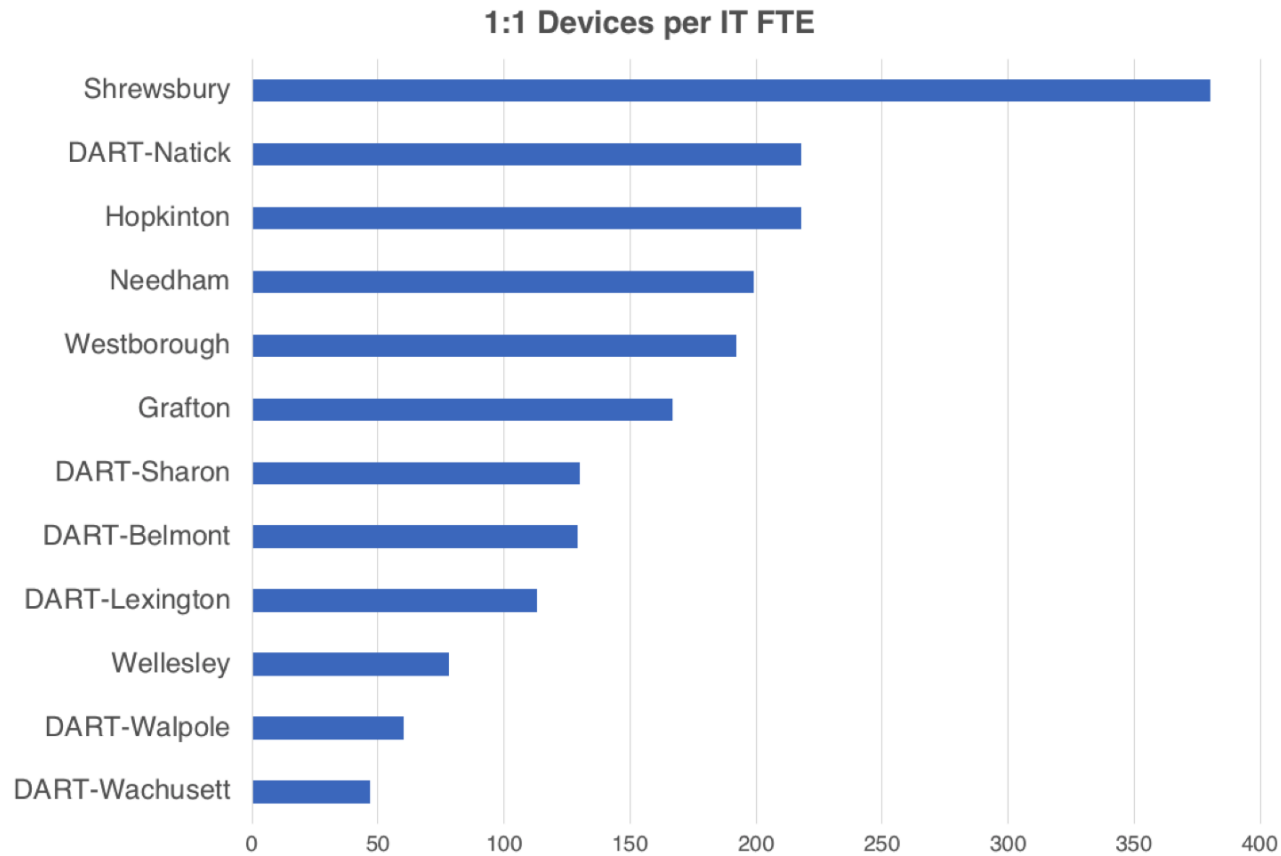




# Main increases for FY 19:

- Continuation of iPad Leases for Incoming Grades 5 & 9
  - FY19 is the high water mark for this (last year of initial HS rollout lease)
- Grade 3 1:2 iPads
  - Required for state-mandated online MCAS testing in spring of 2019
- Classroom Projectors
  - Replace aging and space-consuming projector carts at SHS & Oak (phase 1 of 3)
  - Replace aging/failing/obsolete interactive projectors at elementary level (software incompatibility)

# Staffing



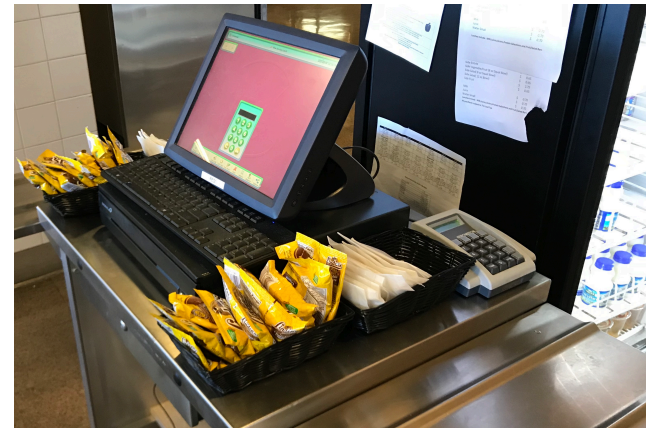
Excludes Assistive Technology & ITS FTEs, DART districts with combined municipal/school IT departments, and DART districts without 1:1 programs



# Staffing

- IT is increasingly integrated into district operations

- PA systems
- Security camera systems
- Copiers
- Building management systems
- Physical access control systems
- Cafeteria point-of-sale
- MCAS testing



# Powered by People

## Information Technology Staff



Staff FY 18	Data Specialist	Video Tech & Telecommunications Specialist	IT Operations Specialist	Instructional Technology Support Specialist
9	1	1	1	6

# Staffing Requests

- Tier 2 IT Support Specialist (AV & network support)
  - Classroom projectors ubiquitous, mission-critical
  - Increase in reach/impact/complexity of network
- Clerical support (shared FTE with student data responsibilities)
  - Assist with tracking & administration of 3,800 student-assigned iPads
    - Inventory
    - Insurance claims
    - Repair invoicing
    - Invoice follow-up



# Challenges



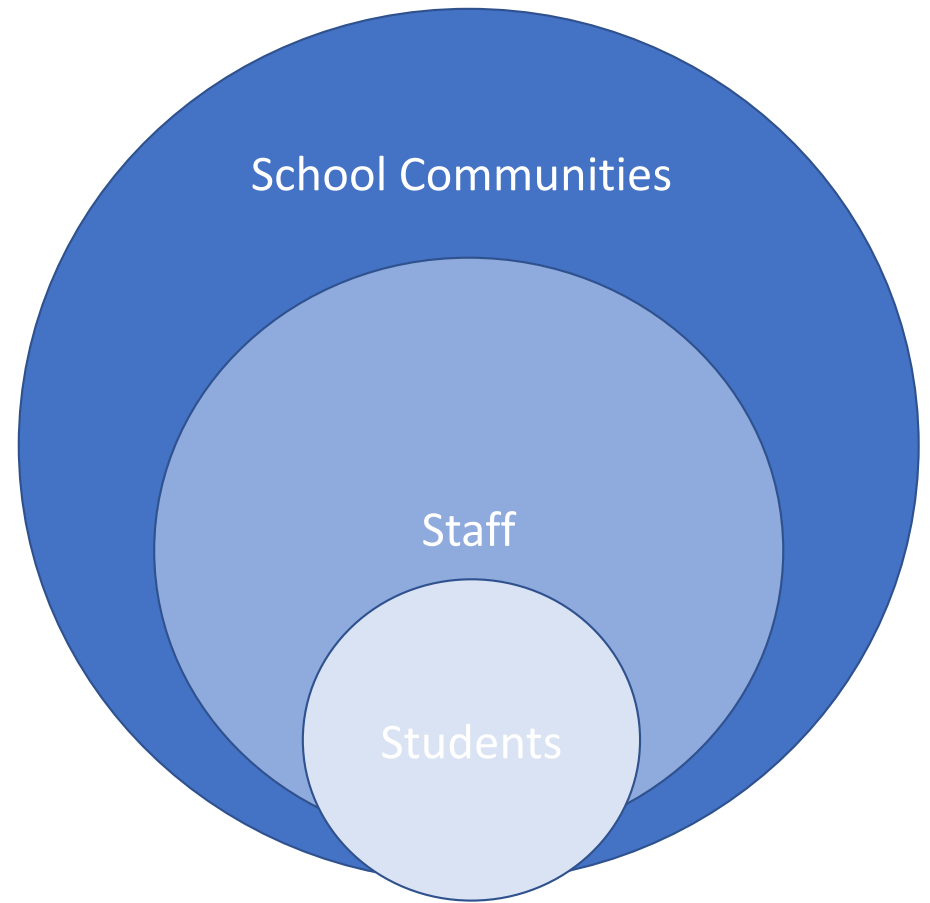
- Ambitious goals
- Uncertain grant funding
- Limited ability to offset materials costs
- Balancing PD delivery needs
- Growth - Diversity, Complexity & Criticality of Technology
- Differentiating Staff Support
- Staffing

# Recommendations for FY 19

## ***Resources Needed:***

- Connected Learning
- Inclusive practices
- Sustaining Science pilot
- Continuation of iPad leases for incoming grades 5 & 9
- Gr. 3 1:2 & Related PD
- Classroom projectors
- New IT Staff / Roles

# Connected Learning



# Questions?



*“Around here, we don’t look backwards for very long. We keep moving forward, opening up new doors and doing new things, because we’re curious...and curiosity keeps leading us down new paths.”*

Walt Disney Corporation