



District 97  
2015-2018 Technology Plan Review  
2018-2021 Technology Plan Recommendations

May 8, 2018



# Agenda

- ❖ Overview of 2015-2018 Tech Plan
  - Successes
  - Opportunities for Learning
  - Budget
- ❖ Vision Planning Process
  - Collaborators
  - Output
- ❖ 2018-2021 Technology Plan  
Recommendations/Commitments
  - Actions
  - Budget
- ❖ Questions

# Oak Park School District 97 Mission Statement



The vision of Oak Park Elementary School District 97,  
**Create a positive learning environment for all  
District 97 students that is equitable, inclusive and  
focused on the whole child.**

**Goals: Every Oak Park District 97 student is a...**

- known, nurtured and celebrated learner
- empowered and passionate scholar
- confident and persistent achiever
- creative critical thinker and global citizen

# Aligned Targeted Strategies & Professional Practices



## Equitable access to rigorous, responsive instruction

- Challenging and engaging ALL students
- Student choice, voice, and agency
- Provide students opportunity to work with other students on cognitively demanding, culturally, socially relevant real world tasks that require students to engage in discussion, question, explore, research, make decisions and communicate their findings

5 COMPUTATIONAL THINKER

1010101  
010101

# 3D PRINTER

Improving any process that I can find





# 2015-2018 Successes/Progress: People, Technology and Process

# People



- Raised new staff min. technical requirement
- Professional development (Adaptive/scaffolded/relevant)
- Coach Mindset (teachers and admin.)
- Modeled technology skills
- Promoted student learning experiences via Twitter communication
- Unite technology and curriculum planning
- Reimagined Technical Advisory Committee (student centered)
- Received approval from Superintendent & Board, supported by student and staff voice and multiple committees

# Technology



- Improved reliability, uptime and coverage (tech. now mission critical)
- Implemented Community wifi (Internet For All)
- Learning Management System (LMS)
- Teacher portal and repository
- Middle School Innovation Teams





# 2015-2018 - Organizational Digital Transformation

- Alio
- Aesop
- Let's Talk
- Canvas
- PowerSchool Registration (InfoSnap)
- PowerSchool Special Education
- Cisco Unified Communications (VoIP phone system)
- Unified Copier Solution
- Digital Signage (beginning stages)
- Unified Bell and paging system (Informacast)
- Teachboost
- Fingerprinting system
- Numerous online curriculum resources

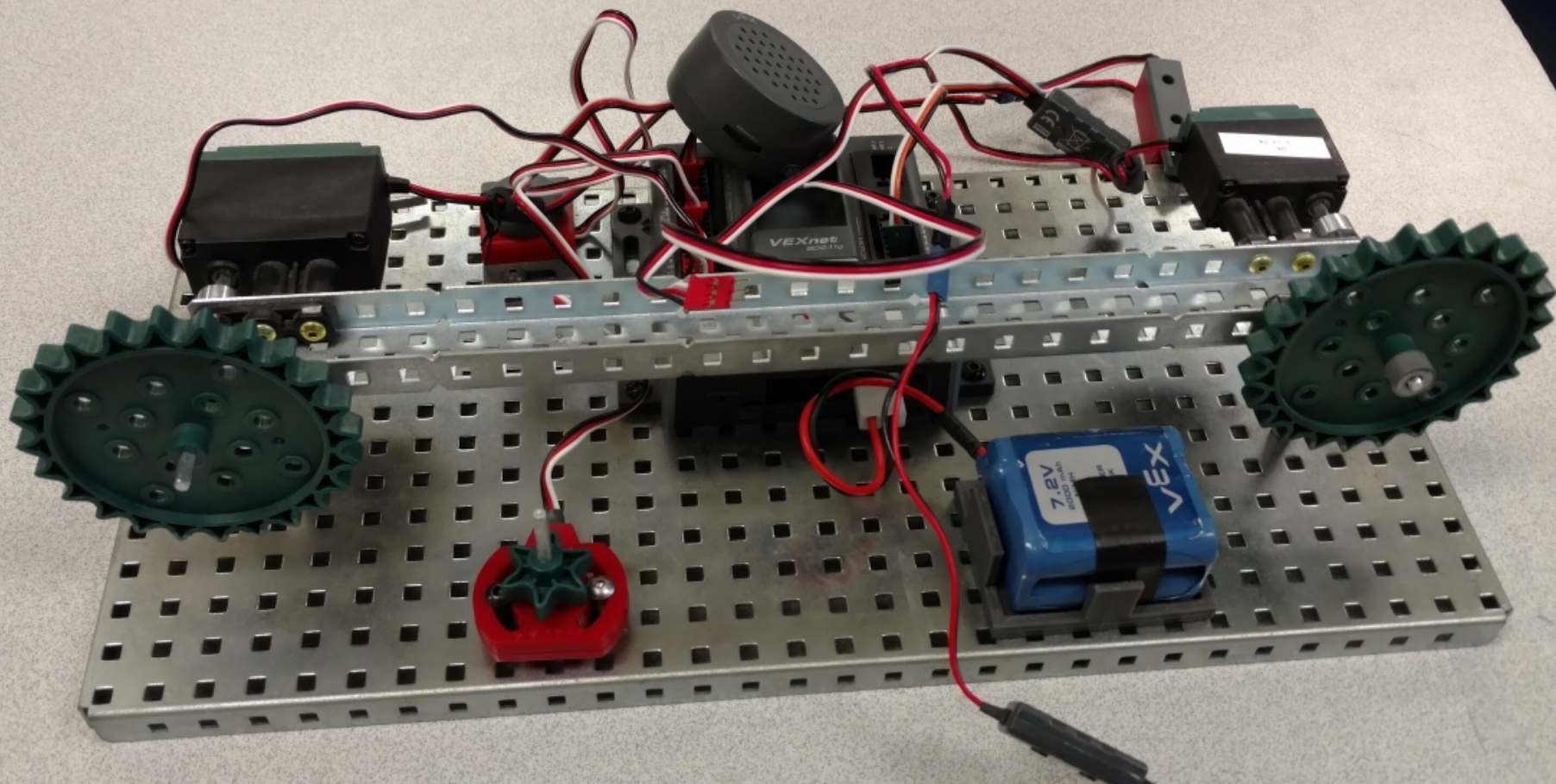
# Process



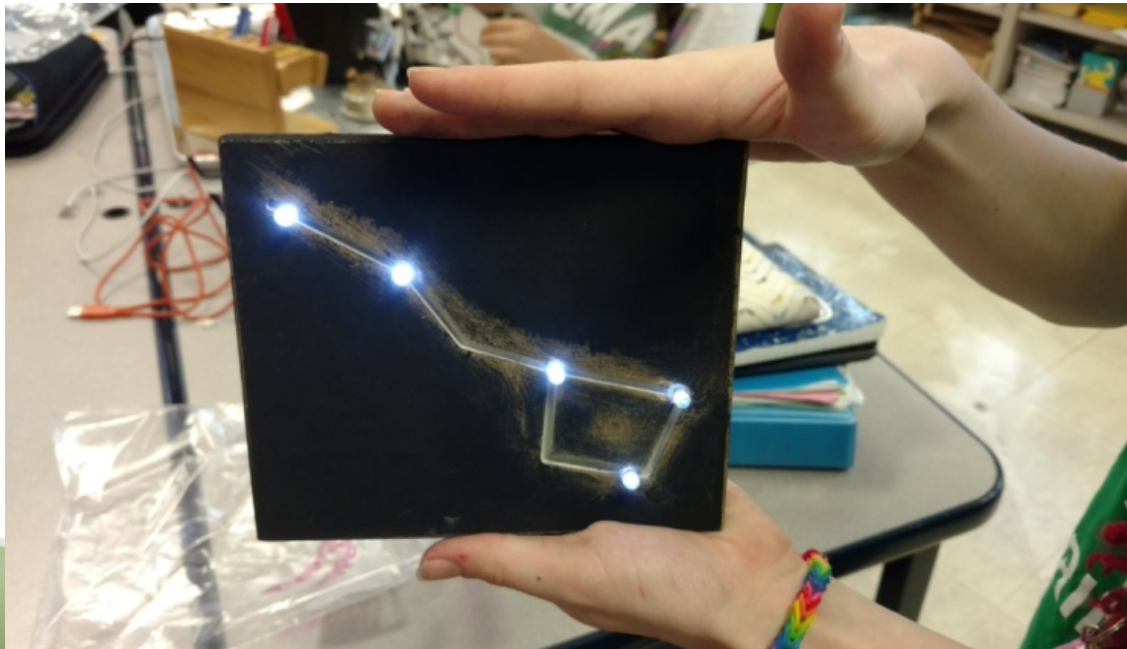
- Rapid pilot process
- Research & Development - Innovation Grant
- Cross district collaboration through cohort of professional learning
- Started to change physical environment (e.g. single desks to team tables, reimaging media center spaces)

















Say something



# The Jayhawk Journal

Issue 3

Page 1

May 7, 2018

## FROM BARREN TO GREEN

Green Team builds garden boxes in an effort to be more environmentally friendly.

*By Eva Baker*

Audrey Hepburn once said “to plant a garden is to believe in tomorrow.” The Julian Green Team has recently used its own future vision to build and install garden beds in the back of the school.

“In my 18 years teaching here at Julian, I have never witnessed such a powerful display of what happens when people think big and work together,” said Mr. Walsh, one of the design teachers, when asked about the garden boxes. The Green Team, lead by Mr. Youngberg, has been around for about seven years. However, Julian is the very last public school in District 97 to have a garden.

The members of Green Team have channeled their passions for the environment to build garden boxes that replace the barren patches in the back



of the school near the 6th-grade entrance. Green Team members will plant a variety of plants including herbs and vegetables, while at the same time learn about plant life and the environment in general. When the project is completed, students can expect to see a rainbow of vegetation that will not only brighten up the space, but will also aid our environment in becoming healthier.



*Left: The Green Team takes a break from building garden boxes to take a group photo. Above: The Great Team builds a garden box.*

At a recent meeting, members grabbed wood, drilled holes, and screwed in nails, all with one goal in mind -- to improve the environment. Mr. Walsh said that he had his students come up with over 40 designs for the garden boxes. Eventually, only four of the designs were picked to be built. These designs were created by Marina Sjoblom, Jack Frasen, Ronen Wittenberg, and Maya Patel. *Continued on page 2*





# School News

"[Environmental issues] may not affect you, but there are other people in the world who it is affecting." -Mia Wetzler

*Continued from Page 1*

Green Team members like 6th grader Xochitl Chavez are proud of the results, and hope it is a lasting feature at Julian. Chavez has been involved in environmental clubs since third grade.

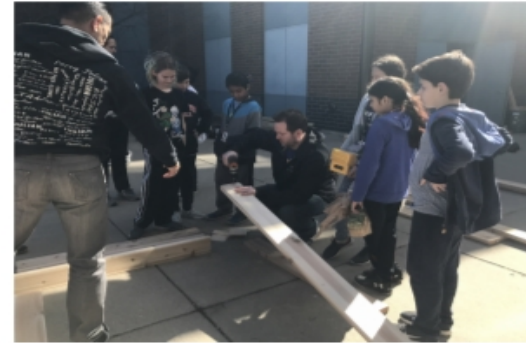
"We all live on one big spaceship, and it is important for kids and adults to gather to do something positive for the world," he said, noting that an environmental club like Green Team so vital not only now but also for years to come. "Carbon emissions, the global temperature as it goes up and down based on the ozone layer is hugely important to the future of this planet."

According to NASA, the seventeen warmest years ever to be recorded have occurred since 2001. This data shows us that anyone who was born after the year 2001 has collectively contributed in some shape or form to the global warming that is occurring. That means that every student in Julian Middle School has contributed to global

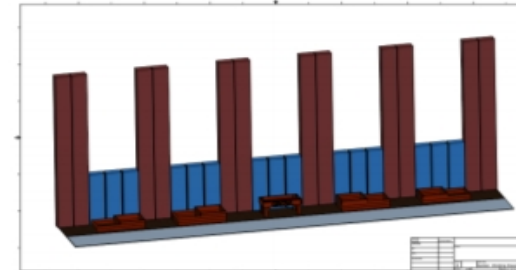
warming in some way.

In fact, NASA, says that since 1880, the global temperature has risen 1.8 Fahrenheit. In the next one hundred years, sea levels could increase by 3.2 feet due to global warming, causing floods that could potentially demolish surrounding wildlife and their environments. In addition, the increasing water temperatures of oceans are on the rise as well, putting sea life at risk. For example, the once vibrant colors of Australia's coral reefs are starting to turn white because of the excessive amounts of algae being produced, and all of this is due to global warming.

"[Environmental issues] may not affect you, but there are other people in the world who it is affecting," said Mia Wetzler, a sixth grader on Green Team. The youth of today are quick to work towards the change that they want to see. Green Team provides a place for students who would like to do something about issues that our world is running into.



Mr. Walsh demonstrates to Green Team how to assemble a garden box.



This is the blueprint for the garden boxes.



Feel strongly about the environment?  
Find our opinion article about  
climate change on page 5!



# 2015-2018 Opportunities for Continuous Improvement



# Continuous Learning

- Isolated intended outcomes in instructional technology usage
- Deeper collaboration with teaching and learning, specifically around professional learning
- Build capacity for key levers with a common vision
- More opportunities for parent education/learning annually
- Build out streamlined resources (less siloed)
- Ongoing evaluation for future decisions



# 2015-2018 - Technology Budget Review

Proposed \$	Revenues	Savings	Net Expense
2015-2016 - \$281,047	\$0	\$60,000	\$221,047
2016-2017 - \$406,755 (\$396,755)	\$0	\$289,175.93	\$107,579.07
2017-2018 - \$739,757 (\$661,213)	\$273,035	\$391,375.93	-\$3,197.93

**Total Proposed** - \$1,427,559 **Total Revenue** - \$269,335 & \$3700 (sale of old devices and Acer repair reimbursement) **Total Saved** - \$740,551.86 **Net Expense** - \$329,128.14



# Vision Planning Session

# Technology Advisory Members



## Students

- Aidan Green (Brooks)
- William Endres (Julian)
- Grachan Xiomara (Mann & Julian)
- Sara Flynn (Longfellow & Julian)
- Noah Oxer (Julian & OPRF)

## Parents/Community

- Mike Peters (Beye & Julian)
- Steve Shea (Lincoln)
- Anne Bensfield (OPPL)

## Teachers/Staff

- April Capuder
- Amy Warke
- Jen Nelson
- Laurie Conley
- Michael Arensdorff
- William Brackett

## Teacher Subcommittee

Gabby Rosenblum, Martha Polley, Erin Howe, Hannah Tatro, Sabrena Robinson, Ashley Kannan, Kathleen Kelly, Jim Hayward, Sondra Nelson, Mike Mowinski, Blanca Martinez, Sheri Lenzo

# Vision Teams



## **Team #1**

Karen Thomas (Hatch, 3)  
Linda Chrystall (Mann, Gifted)  
Mike Peters (Julian Parent)  
Donna Middleton (Special Education,  
Admin)

## **Team #3**

Merryl Brownlow (Lincoln, parent)  
Ashley Kannan (Julian, 8th)  
Paula Spring (Whittier, Instructional  
Coach)  
Kali Williams (Holmes, 4)

## **Team #2**

April Capuder (Brooks, Principal)  
Sabrena Robinson (Mann, Teacher  
Librarian)  
Rob Breit (Lincoln, 5)  
Arlo Hamer (Lincoln, student - 5)

## **Team #4**

Miles Lee (Brooks, 6)  
Jonathan Ellwanger (Beye, Principal)  
Hannah Tatro (Longfellow, K)  
Sarah Kaufman (Brooks, student - 6)

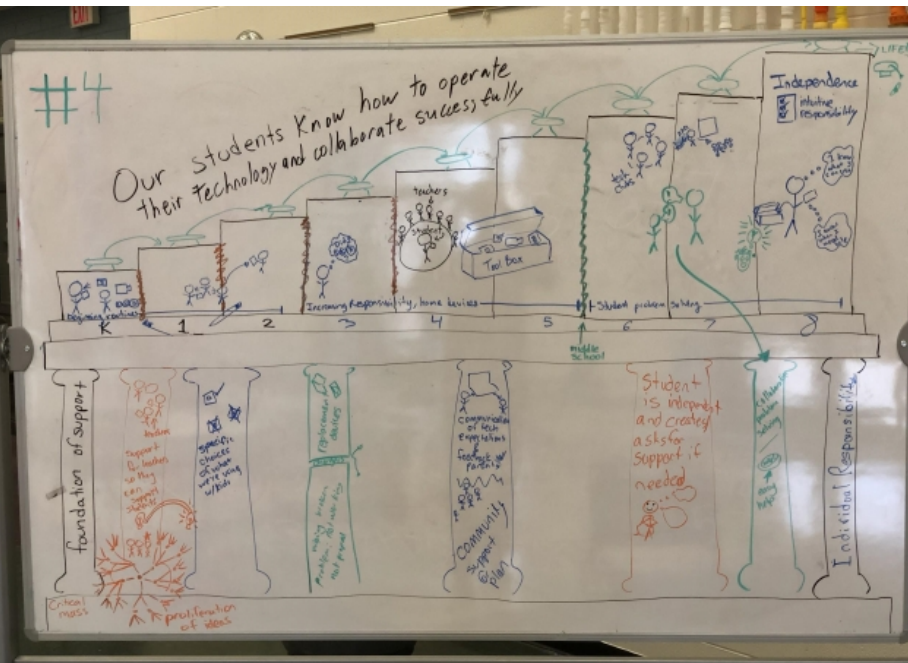
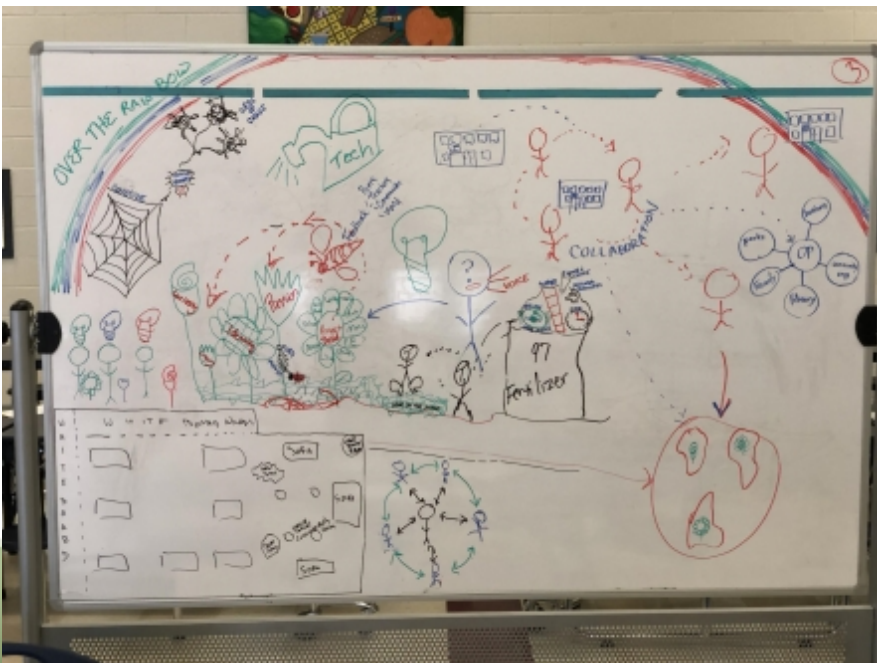
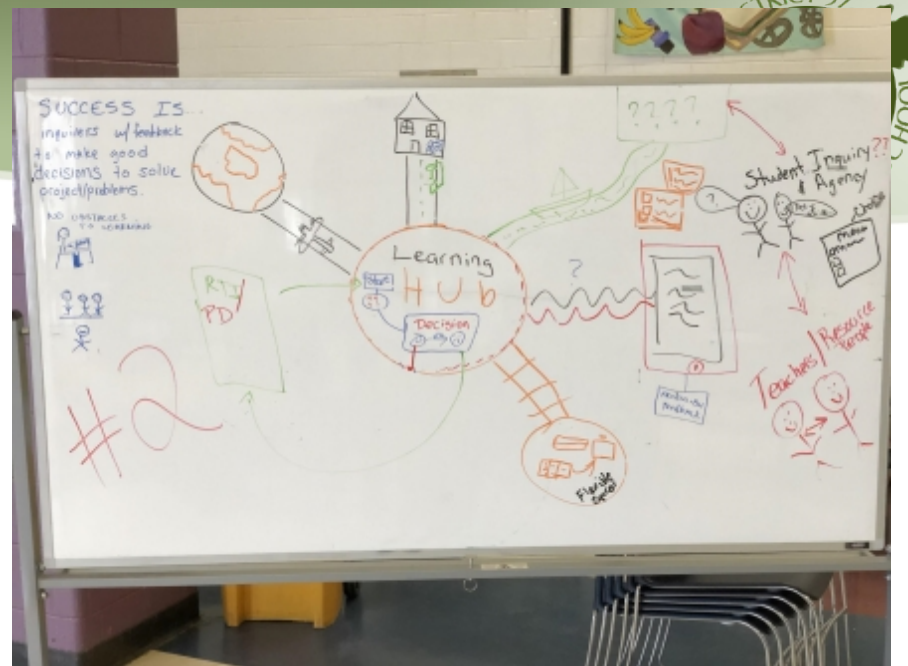
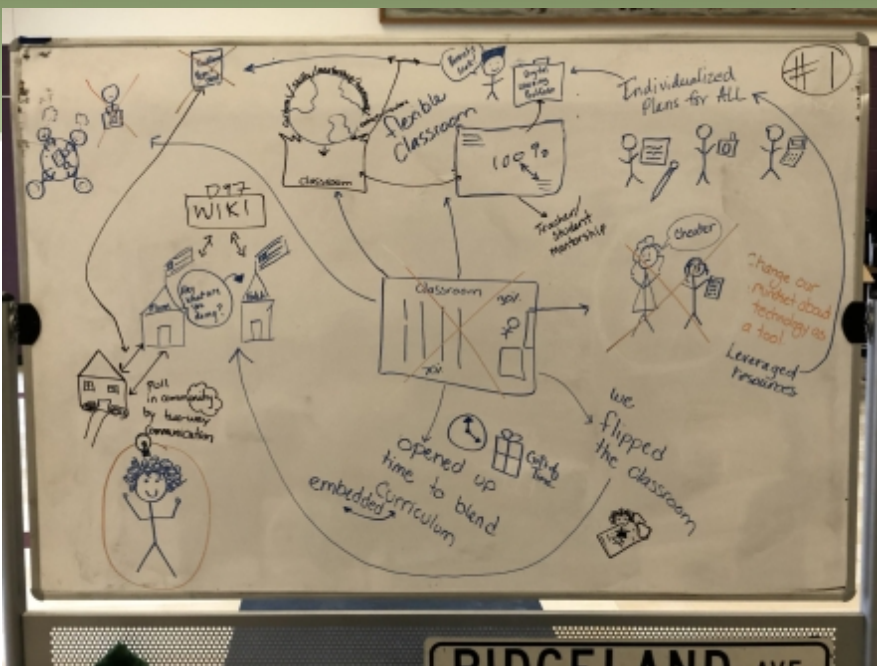
# National Award Presentation



- The year is ... 2018 & 2021
  - Location: Consortium for Schools Networking Conference
  - Award: Best District Education Technology Implementation
1. What does success look like?
  2. What challenges we overcame?
  3. How did you overcome the challenges?

Speak in the past tense!





# Trends in Group Work



<u>Success</u>	<u>Obstacles</u>	<u>How Overcome</u>
I ① - Student Voice & Choice II ② - Proliferation of Technology III ③ - Teacher as Mentor IV ④ - Two way between Teachers & Parents V ⑤ - New Feedback Channels VI ⑥ - Clarity how Tech is Working VII ⑦ - Digital Competency Framework <b>BUILT</b> out: PP:R VIII ⑧ - Collaborative Spaces IX ⑨ - Collaborative between People	- Teacher Fixed Mindset - Teacher Fear of Risk (Accountability) - Support Resources - Cost 1:1 is too expensive - Knowledge & Skill Gaps - Silos & Curriculum - Traditional 1 way report cards - Report cards only 2/year - Tradition that feedback is only in the classroom - No connectivity between projects/grades - PD involves Set classes - Credibility of Non-DPP Sources	- Break Risk to smaller bites - Reallocation (eg. eliminate rotating carts) - Allocation Level 2:1 is Enough - make it easy to share - Community Partnerships - Foster Innovation Mindset - Flipped class room - Training & Student Engagement - Digital Portfolio tied to competencies - Students connect w/ other students - Parent Feedback enables - Pair w/ External Orgs - Framework of flexibility - Flexible Classrooms - Wiki & Viki, Webex





# 2018-2021 - Highlights

## **Professional Learning**

- Collaborative planning & purposeful integration into Institute day, staff meetings & other PD opportunities
- Build capacity of key building leaders to execute a common vision (principals, coaches, teacher librarians, innovators/champions)

## **Student Support**

- Equitable Access
- Internet For All
- Management of usage and access

## **Staff Support**

- Equitable Access
- Management tools for teaching students in a digital classroom
- Professional learning
- Common language and standards/expectations



# 2018-2019 - Year 1 - Technology Plan

Professional Learning	\$ 10,000 -
Student Device Refresh approved 2017	\$590,981 - Board
Innovation Research & Development	\$ 10,000 -
Internet For All - Equity	\$ 10,000 -
Staff Device Refresh (Macbooks & Learning Space Apple TV refresh	\$194,370.04 - Board approved 3/14/18
Staff Device Refresh (iPads & cases)	\$ 61,958.50 -
Infrastructure Enhancements approved 4/10/18	\$150,349.50 - Board
Subtotal	
\$1,022,389 - budgeted	
Revenues (from device sale)	-\$200,000 (estimated)
-\$TBD - actual revenues	
District budget savings	-\$320,046.73
<b>Total Net Expense</b>	<b>\$502,342.27</b>



# 2019-2020 - Year 2 - Technology Plan

Professional Learning	\$ 10,000 -
Student Device Refresh approved 2017	\$590,981 - Board
Innovation Research & Development	\$ 10,000 -
Internet For All - Equity	\$ 10,000 -
Staff Device Refresh (Macbooks & Learning Space Apple TV refresh	\$194,370.04 - Board approved 3/14/18
Staff Device Refresh (iPads & cases)	\$ 49,483.50 -
Infrastructure Enhancements (other half of access points)	\$150,000 -
Subtotal	
\$1,009,564 - budgeted	
Revenues (from device sale)	-\$ 5,000 (estimated)
-\$TBD - actual revenues	
District Budget Savings	-\$320,046.73
<b>Total Net Expense</b>	<b>\$689,517.27</b>



# 2020-2021 - Year 3 - Technology Plan

Professional Learning	\$ 10,000 -
Student Device Refresh	\$ 0 -
Innovation Research & Development	\$ 10,000 -
Internet For All - Equity	\$ 15,000 -
Staff Device Refresh (Macbooks & Learning Space Apple TV refresh)	\$194,370.04 - Board approved 3/14/18
Staff Device Refresh (iPads & cases)	\$ 49,483.50 -
Subtotal	
\$278,853 - budgeted	
Revenues (from device sale)	-\$ 5,000 - (estimated)
-\$TBD - actual revenues	
District budget savings	-\$234,542.03
<b>Total Net Expense</b>	<b>\$39,310.97</b>



# 2018-2021 - Proposed Budget

<b>Proposed \$</b>	<b>Revenues (anticipated)</b>	<b>Savings (anticipated)</b>	<b>Net Expense</b>
2018-2019 - \$1,022,389	\$200,000	\$320,046.73	\$502,342.27
2019-2020 - \$1,009,564	\$5000	\$320,046.73	\$689,517.27
2020-2021 - \$278,853	\$5000	\$234,542.03	\$39,310.97

**Total Proposed - \$2,310,806 Board Approved to date - \$1,915,421.62 Total Revenue - \$210,000 Total Saved - \$874,635.49 Net Expense - \$1,231,170.51**



Questions?