

# Technology Update

## March 6, 2019

Don G. Langenhorst, Ed.D  
Technology Director Dedham Public Schools  
[Dedham Public Schools](#) > [Educational Technology](#)

# Technology Team



**Mike Dewar**  
Administrative  
Support &  
Database Specialist

**Judy Foley**  
PreK - 12  
Technology  
Integration  
Specialist



**Mike Yang**  
Network  
Administrator

**Anne-Marie  
Gates**  
Administrative  
Assistant



# Technology Team

During February Vacation  
Moving In!



Vicki Rumpp - ECEC LMS

Dalton Looper - Help Desk

Bob Tucker - Technician

Tim Bowen - Help Desk

Judy Foley - ITS

Joanne Rasmussen - Help Desk

Anne-Marie Gates - Admin

Assistant

# Technology Plan and Action Items

## Dedham Public Schools District Technology Plan



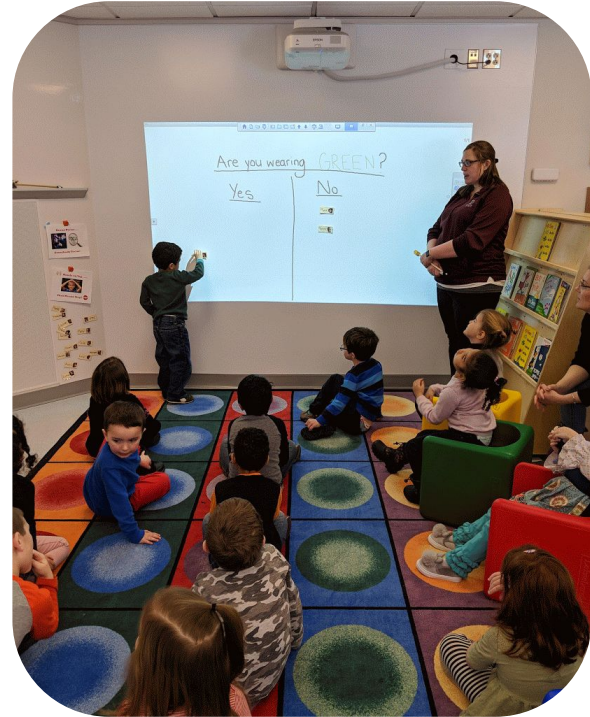
July 1, 2016 - June 30, 2019

[Technology Plan](#)  
[FY19 Action Plan](#)  
[FY18 Action Plan](#)  
[FY17 Action Plan](#)

# Top Accomplishments

Organized by ...

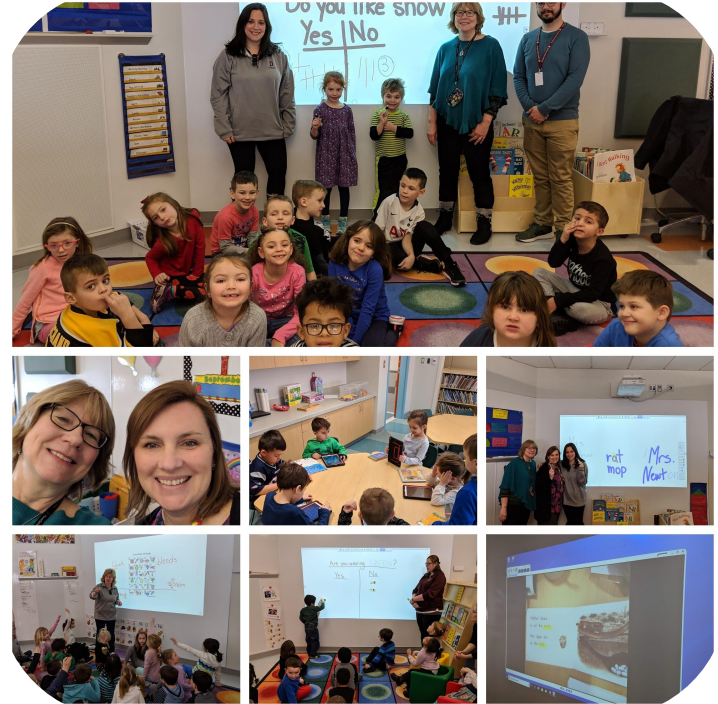
- Student Support
- Teacher and Parent Support
- Administrative Support





# Student Support

- Improvements with Assistive Technology
- Innovative work with Emerging Technology
- Transformative Professional Development
- Active Digital Citizenship Education
- New and improved device model
- Increased Internet speeds
- Assessment / Interventions Program K-8
- Tech toward student-centered learning



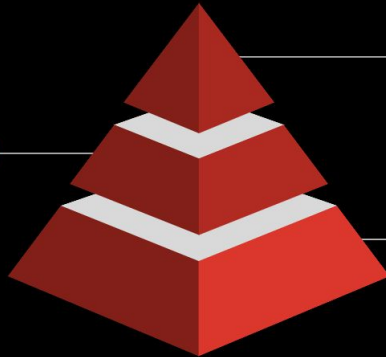
# Assistive Technology & Universal Design



## Assistive Technology Resources

### Software

Gynzy  
BrainPop  
News2You  
Boardmaker  
ReadWrite Ext  
Social Express  
Bookshare  
Learning Ally  
Writing with symbols  
Zoomtext  
Beeline Reader



### Equipment

Vision: Enlarged monitors, keyboards and Chromebooks

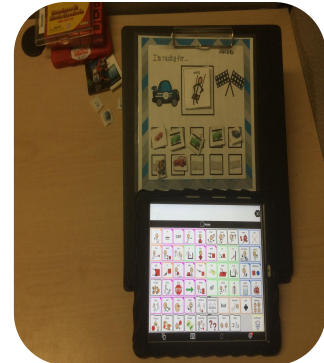
iPads: Classroom, OT, SLPs, students

Laptops: Students

### Apps

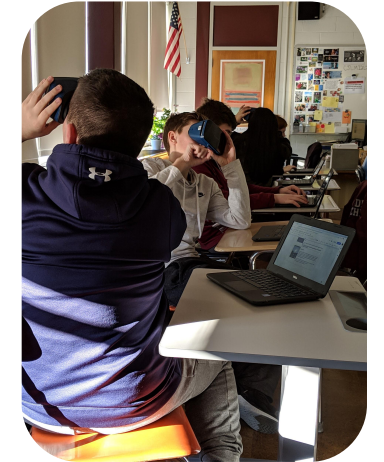
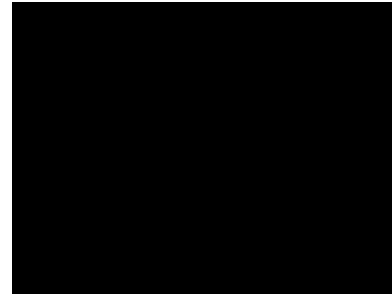
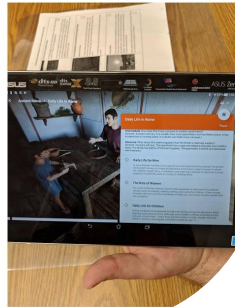
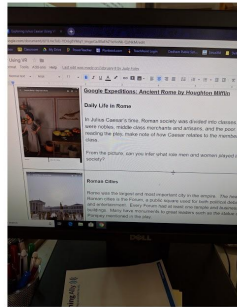
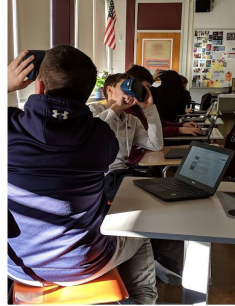


## Universal Design for Learning





# Innovative Work with Emerging Technology



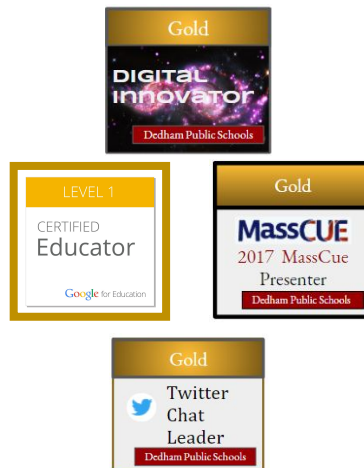


# Transformative Professional Development

## Conferences

- ❏ Game On! Level Up ! Conference June 2017
- ❏ Thinking Bolder Conference June 2016
- ❏ Living in a World Where the Dog Can't Eat Your Homework Conference June 2015

## Badges



## BlendTalks

### MassCue Blend Talks 2017

Dedham High School

January 3, 2018



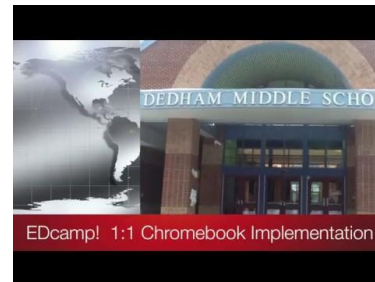
### MassCue Jamboree 2017

Elementary Schools

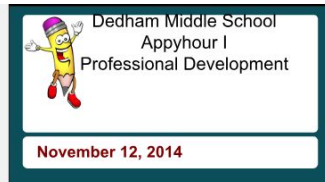
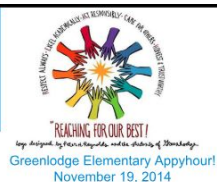
December 13, 2017



## EdCamps



## AppyHours



# Student Support

- Improvements with Assistive Technology
- Innovative work with Emerging Technology
- Transformative Professional Development
- Active Digital Citizenship Education
- New and improved device model
- Increased Internet speeds
- Assessment / Interventions Program K-8
- Tech toward student-centered learning (e.g. FUSE Program)



# FUSE - Design Team & Early Adopter Teachers

## *FUSE Fellows from Dedham*

**Rachel Dudley, Ed.D. - DHS**

**Andrew Patterson - DMS**

**Ken Toomey - Greenlodge**

## *FUSE Fellows to Dedham:*

Chris Nardone - Millis - Elem

Cristina Serradas - Norwood - MS

Lindsey Reichheld, Walpole - HS

## *Program Director:*

Meg Smallidge, Highlander Institute

## *Point Person*

Don Langenhorst, Tech Director



## **Riverdale Early Adopter Teachers:**

Charlotte Sullivan, Allison MacDougall,  
Kristy Jenkins and Sue Turner

Principal: Ed Paris

## **Middle School Early Adopter Teachers:**

Sean Bowles, Susan Lyons, Juliette  
Gutierrez, and Lisa LeClair

Principal: Karen Hillman

## *Administration*

Mike Welch, Superintendent

Ian Kelly, Ed.D., Assistant Superintendent

## *Teachers*

DMS Teacher Dan King - MS Social Studies

DHS Teacher Christine Casali - HS Science

## *Students*

DMS Student - Charles Barrett (Grade 7)

DHS Student - Samantha DeJean (Grade  
11)

## *Educational Tech | Instructional Coach*

Technology Integrator - Judy Foley

Instructional Coach - Kate Garand (MS -  
STEM)

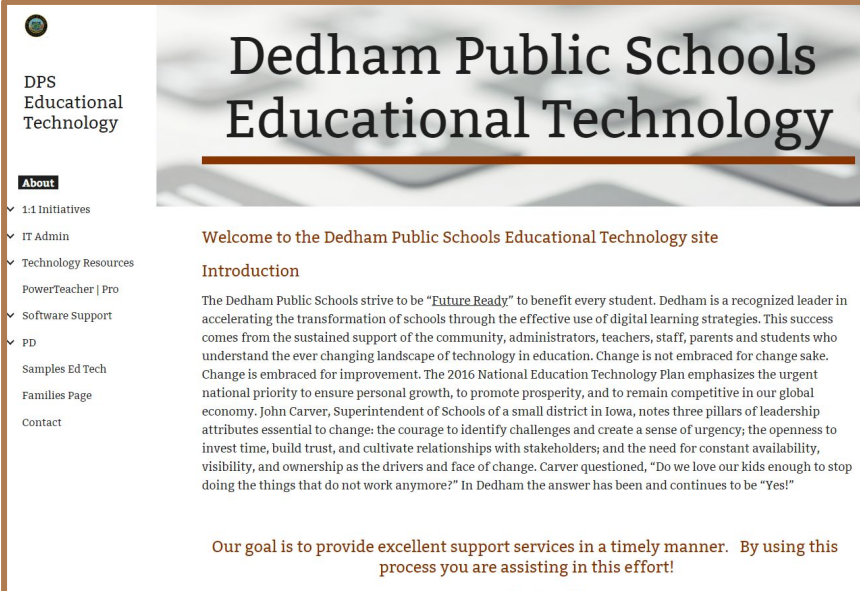
## **High School FUSE Early Adopter Teachers:**

Christine Casali, Jillian Sullivan, Jeff Nilsen, and  
Jen Currivan

Principal: Jim Forrest

# Teacher & Parent Support

- Online Parent Conference Scheduling
- Special Education PowerSchool
- Improved Student Data Privacy
- Support for MCAS Online Testing
- Increased collaborations
- Transition to PowerTeacher Pro
- Touch Projection Training
- Innovative ITS, LMS, IC
- Transparent EdTech Website
- Improved App Procurement
- Improved Filtering Systems



The screenshot shows the website for Dedham Public Schools Educational Technology. On the left is a navigation menu with a logo at the top, followed by 'DPS Educational Technology', an 'About' link, and a list of links with dropdown arrows: '1:1 Initiatives', 'IT Admin', 'Technology Resources' (with sub-links 'PowerTeacher | Pro' and 'Software Support'), 'PD' (with sub-link 'Samples Ed Tech'), 'Families Page', and 'Contact'. The main content area has a large header 'Dedham Public Schools Educational Technology' with a horizontal line below it. Below the header is a welcome message, an 'Introduction' section with a paragraph of text, and a goal statement at the bottom.

**DPS Educational Technology**

**About**

- ✓ 1:1 Initiatives
- ✓ IT Admin
- ✓ Technology Resources
  - PowerTeacher | Pro
  - Software Support
- ✓ PD
  - Samples Ed Tech
- Families Page
- Contact

## Dedham Public Schools Educational Technology

Welcome to the Dedham Public Schools Educational Technology site

### Introduction

The Dedham Public Schools strive to be "Future Ready" to benefit every student. Dedham is a recognized leader in accelerating the transformation of schools through the effective use of digital learning strategies. This success comes from the sustained support of the community, administrators, teachers, staff, parents and students who understand the ever changing landscape of technology in education. Change is not embraced for change sake. Change is embraced for improvement. The 2016 National Education Technology Plan emphasizes the urgent national priority to ensure personal growth, to promote prosperity, and to remain competitive in our global economy. John Carver, Superintendent of Schools of a small district in Iowa, notes three pillars of leadership attributes essential to change: the courage to identify challenges and create a sense of urgency; the openness to invest time, build trust, and cultivate relationships with stakeholders; and the need for constant availability, visibility, and ownership as the drivers and face of change. Carver questioned, "Do we love our kids enough to stop doing the things that do not work anymore?" In Dedham the answer has been and continues to be "Yes!"

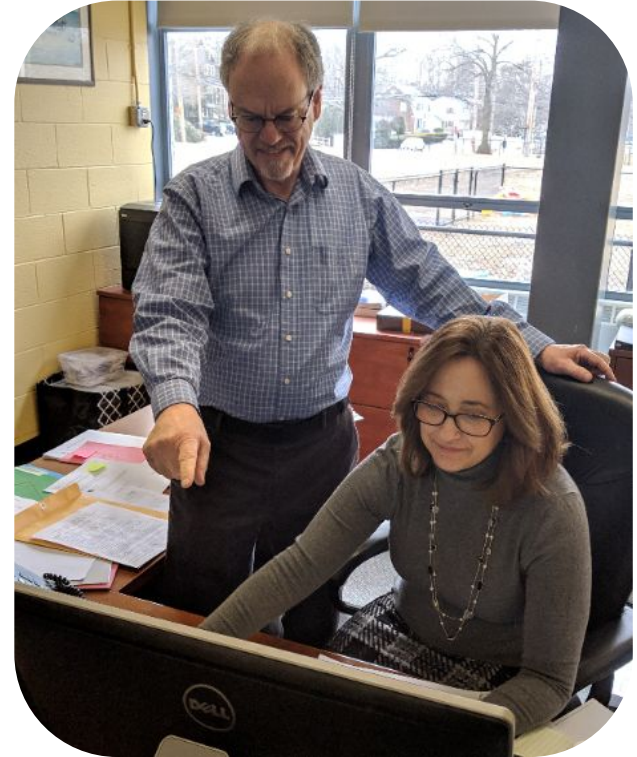
Our goal is to provide excellent support services in a timely manner. By using this process you are assisting in this effort!

[Educational Technology](#)



# Administrative Support

- 4is Project - Student and Staff Data
- Transition to PowerSchool Hosting
- DESE SIF Compliance
- New Fiber Ring (net +\$20,000)
- Complete Wired and Wireless Networking Update & Reconfiguration (50% on the dollar)
- Updated Unified Protection / Firewalls bundled with Erate discount (50% on the dollar)
- Ticketing system update



# Ideas Toward Improvement

Organized by ...

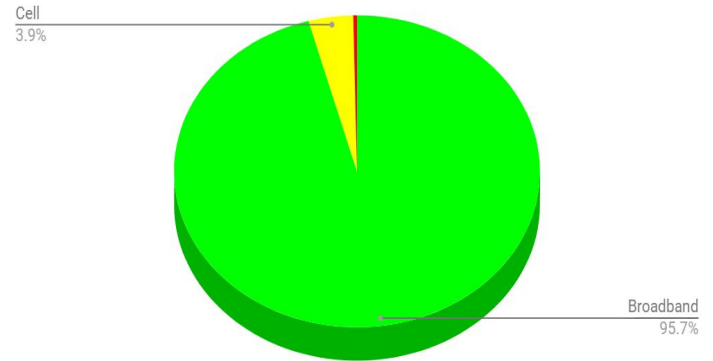
- Student Support
- Teacher and Parent Support
- Administrative Support



# Student Support

- “Always Up” > Time On Learning
- Personalized filtering needs
- Single Sign On to resources
- DLCS Standards fully integrated
- Digital Access at Home for all
- Learning spaces more flexible

Internet Connection at Home



# Teacher and Parent Support

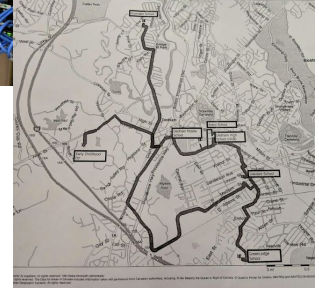
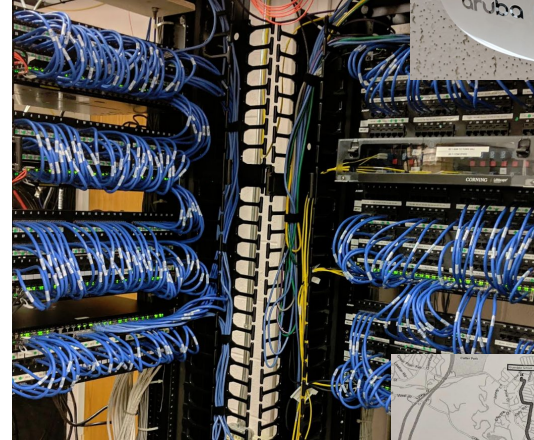
- Additional tech coaching toward increased student engagement
- Tech Coaches and Instructional Coaches collaboration
- Teacher web presence expanded
- Website enhanced
- Better utilization of social media
- Student data collection improved
- Communication types expanded





# Administrative Support

- Integration of Staff Data
- Improvement of electronic records and workflows
- Improve Backup System
- Improve and reduce Virtual Server System
- Improve Safety and Security (including network closets, cameras)



# Next Technology Plan Development Spring 2019

## Guiding Documents:

[District Strategic Plan](#)

[School Improvement Plans](#)

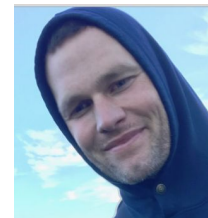
[National Education Technology Plan](#)

[Technology Plan FY16-FY19](#)

& Supporting Reports (e.g. Communications Report)



# Technology Committee



Wendy Garland	Avery	LMS
Julia Warren	Avery	5th
Lisa Magnacca	Greenlodge	4th
Kerri Bryant	Greenlodge	2nd
Meghan DeLong	Oakdale	1st
Heather Finnerty	Oakdale	Special Needs
Michelle Canty	Riverdale	IC
Jessica Nolet	Riverdale	3rd
Carolyn Bradley	ECEC	SLP
Marie Lynch	ECEC	K
Ashley Bodkins	Avery	Admin
Holli Caulfield	Oakdale	Admin
Karen Hillman	MS	Admin
Jim Forrest	HS	Admin



Andrew Patterson	MS	English
Kim Randall	MS	Social Studies
Arielle Gorden	MS	World Language
Julie Fagone	MS	Technology
Amy Hill	HS/MS	Science Dept Chair
Tricia Rocha	HS	English
Fred Springer	HS	Science
Rachel Dudley	HS	Social Studies
Dan Rouse	HS	Technology
Chris Nadeau	HS	World Language
Mike Dewar	District	Tech Team - Data
Mike Yang	District	Tech Team-Network
Judy Foley	District	Tech Team-ITS
Don Langenhorst	District	Tech Team-Director

## Your Ideas Please



Contact: [dlangenhorst@dedham.k12.ma.us](mailto:dlangenhorst@dedham.k12.ma.us) | 781-310-1123 or  
Appointment: [agates@dedham.k12.ma.us](mailto:agates@dedham.k12.ma.us) | 781-310-1026