



# Technology Plan 2017-2020

# 1

## Theory of Action

If we establish systems for device provision, upkeep, and replacement as well as the infrastructure to support them

AND...

# 2

## Theory of Action, pt.2

...provide professional development which includes facilitation of Professional Learning Communities for the integration of technology into instruction

AND...

# 3

## Theory of Action pt. 3

...support vertical articulation of technology skills for our students, then we will be able to...

# Big Concept



Provide equity of access and opportunity for all students to complete digital assignments and develop 21st century technological readiness skills.

How do we get there from  
here?



# Big Concept

## ET

## IT

Provide equity of access and opportunity for all students to complete digital assignments and develop 21st century technological readiness skills.

Supports teachers in the integration of technology into instruction:

- Professional Development
- Coaching
- Roll-out plan support

Builds, monitors, and maintains infrastructure hardware and security systems.

Provides Media Carts, Laptop, secure charging carts, and tablets to classroom.

Maintains secure and monitors all district systems

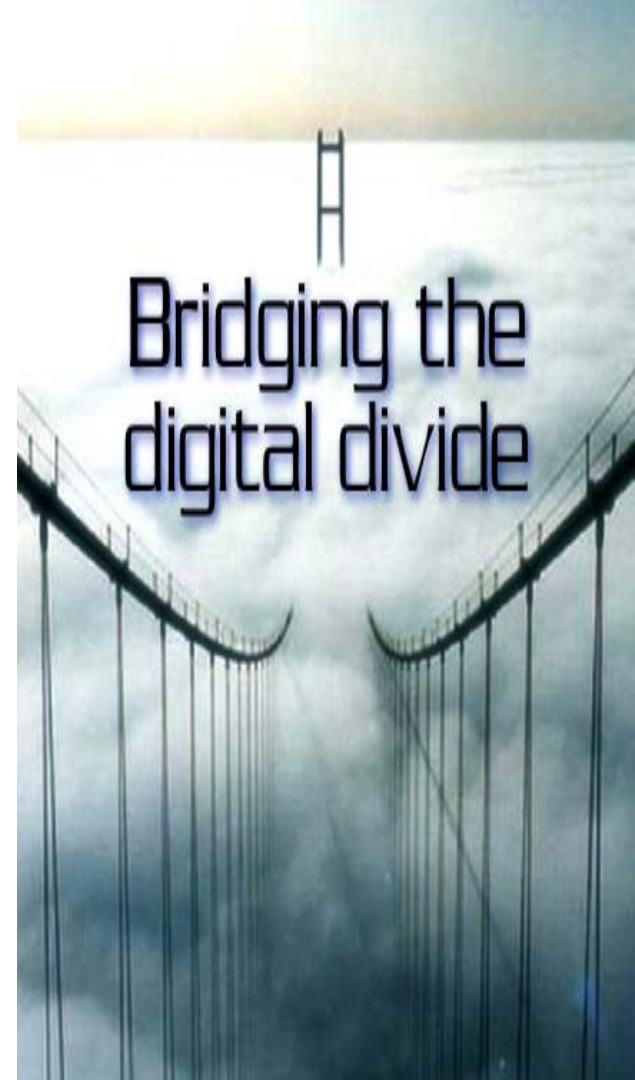


# Informational Technology

## OUR MISSION:

Bridging the digital divide by  
ensuring ALL students have  
access to online resources

Equity in Education





# Informational Technology Primary Goals

**Goal for 2017-18** - Enhance wireless infrastructure at 11 sites leveraging ERATE and Bond funds. (Bayview, Chavez, DeJean, Fairmont, Grant, Highland, Lake, Lincoln, Riverside, Stege, Washington)

**Goal for 2018-19** - Enhance wireless infrastructure at 8 sites leveraging ERATE and Bond funds. (El Cerrito HS, Hanna Ranch, Hercules High and Middle, Kensington, Montalvin, Murphy, Vista HS)

**Goal for 2019-20** - Enhance wireless infrastructure at 10 sites leveraging ERATE and general funds. (Alvarado, Collins, Ellerhorst, Harding, Lupine, Madera, Olinda, Serra, Pinole Middle, De Anza HS)



# Informational Technology

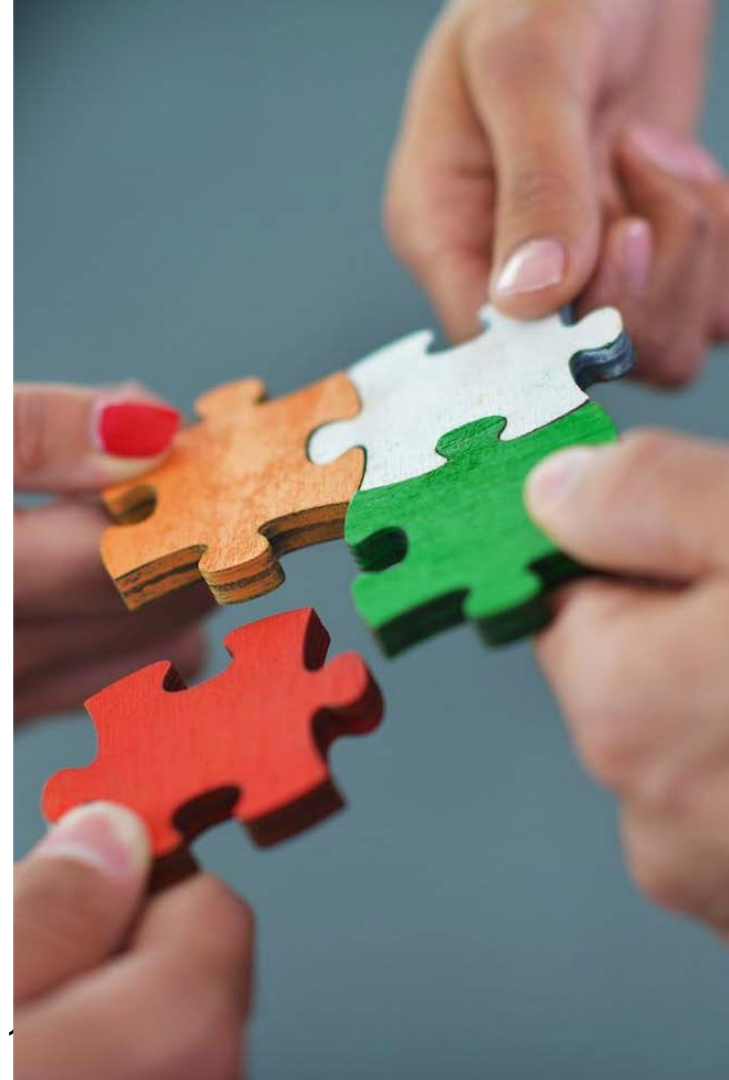
## Keeping Current with New Technology

- Student and staff communication
- District, parent and community communication
- Replacement of older devices
- Online Registration - Expand services and forms
- Wireless upgrades at all sites
- Software upgrades
- Network Monitoring Tools
- Digital Textbooks



# Informational Technology staff professional development and collaboration goals

- Continue to hold bimonthly conversation between Ed Services Department to address needs.
- Continue to update Cabinet and the Board regarding technology needs and initiatives.
- Continue to provide professional development for IT staff in the areas of networking, servers, operating systems and applications.



# Educational Technology

## OUR MISSION:

Technology will be integrated into all curricular areas to assist students in mastering California Common Core Standards (CCCS) as well as practicing and acquiring the 4 C's (Critical thinking, Communication, Collaboration, and Creativity).

## Equity in Education

Integration

# Educational Technology

## Areas of Focus

**Teachers/Principals** - Build capacity through ongoing professional development and coaching around strategies, tools, and pedagogy.

**Students** - Build technology skills and digital citizenship through direct instruction and assignments with digital components.

**Professional Development** - Continue to provide PD that addresses teachers at their point of need/skill level with technology.



# EdTech Professional Development

## → Strategic Planning

- Administrators and technology teacher leaders collaborate to advance site implementations.

## → Technology Teacher Leaders (TTLs)

- TTLs are given ongoing training to better support their school sites.

## → Coaching

- Coaches work with individual teachers as they implement tablets into their classrooms.

## → EdTech Summer Institutes

- TTLs present best practices and facilitate team planning time for colleagues to integrate technology.

## → Ongoing After School Professional Development

- Presented by EdTech staff on different tools and strategies for classroom teachers.





QUESTIONS?