



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Oakland Unified School District Technology Plan Overview



August, 2014

Goals



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

To Understand

- Need and Scope
- Engagement
- Equity
- District Support



Why?



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



Technology Services Mission:

Build and support the best possible technology systems, tools, and infrastructure to create an equitable and supportable learning environment for all students

Priorities:

Student Learning
Equity & Access
Productivity
Data and Assessment
Support Teachers & Staff
Infrastructure
Data Safety, Security, and Ethics

Engagement



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



Key Learnings



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



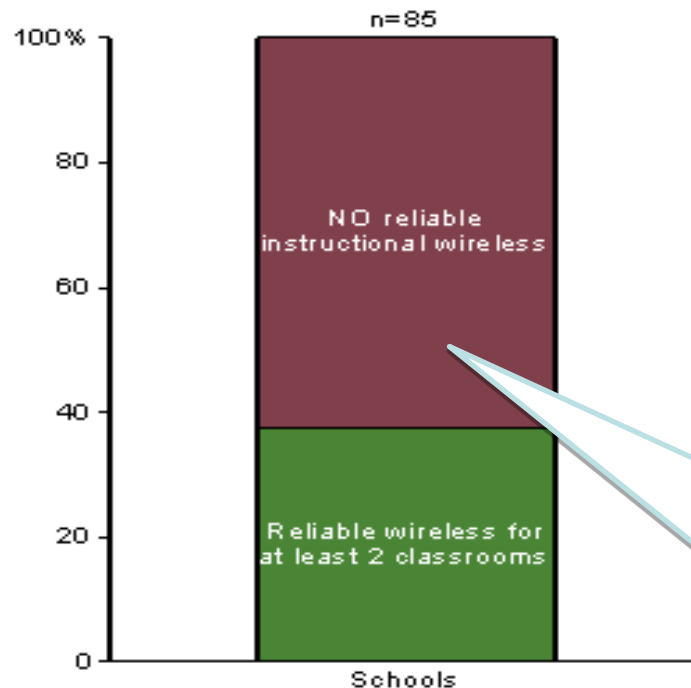
Poor Wireless



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Q: What % of classrooms have wireless?



Source: Education Elements Report for OUSD



60% reported lack of wireless before 250 Wireless access points were added in 2014. More to be added...

Lack of Computers

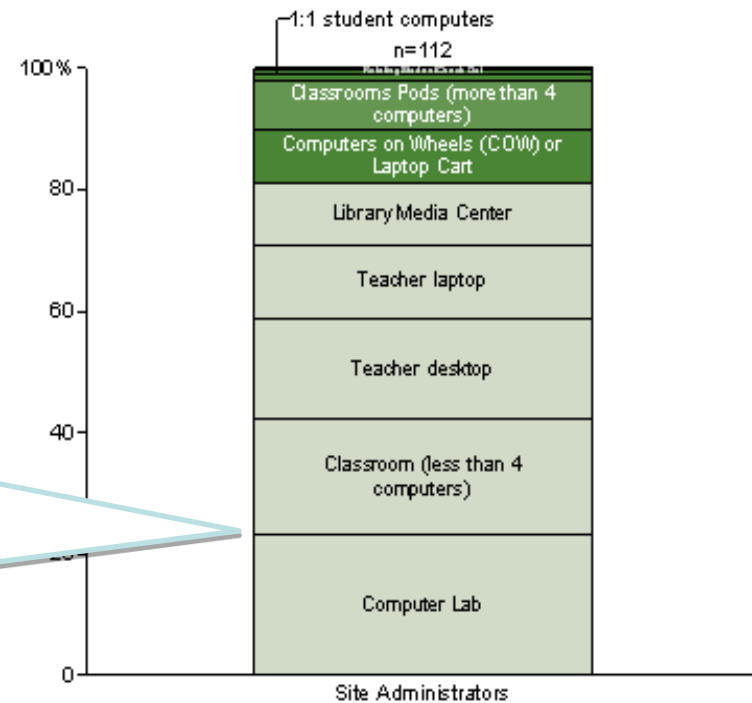


OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



Q: Where do you have computers (including desktops, laptops, netbooks, and Chromebooks) at your school?



Most Computers were in labs or in back of classrooms before 2014 Chromebook purchase. More are in the plan...

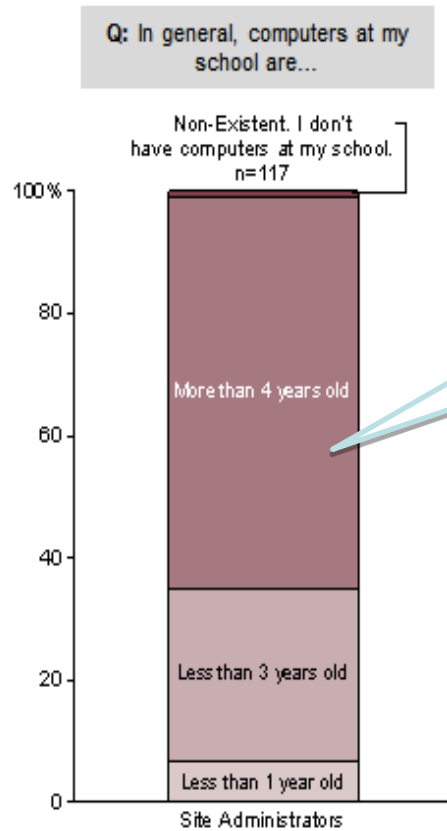
Source: OUSD SBAC Readiness Survey, 2013

Old Computers



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



Source: OUSD SBAC Readiness Survey, 2013

Most Computers were over 4 years old before 2014 Chromebook purchase.



More PD & Support

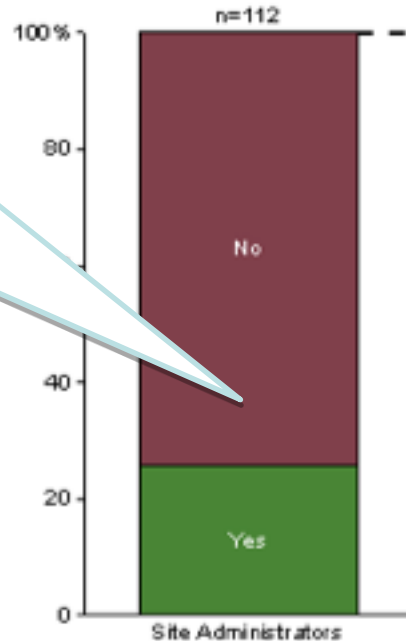


OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Sites felt they need more PD and Support. So more is in the plan...

Q: Does your school have the IT support you need to be successful?

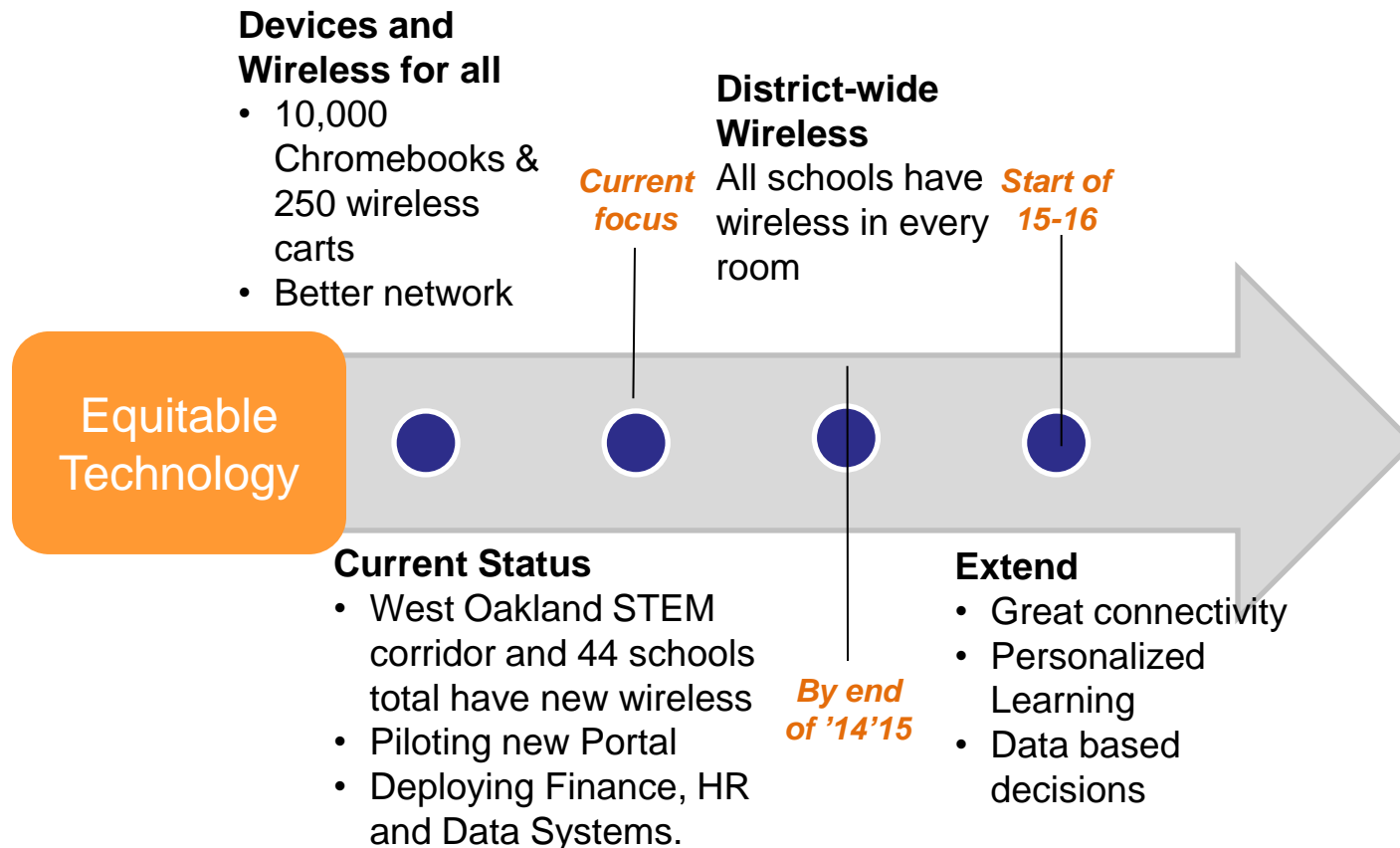


Plan Highlights



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

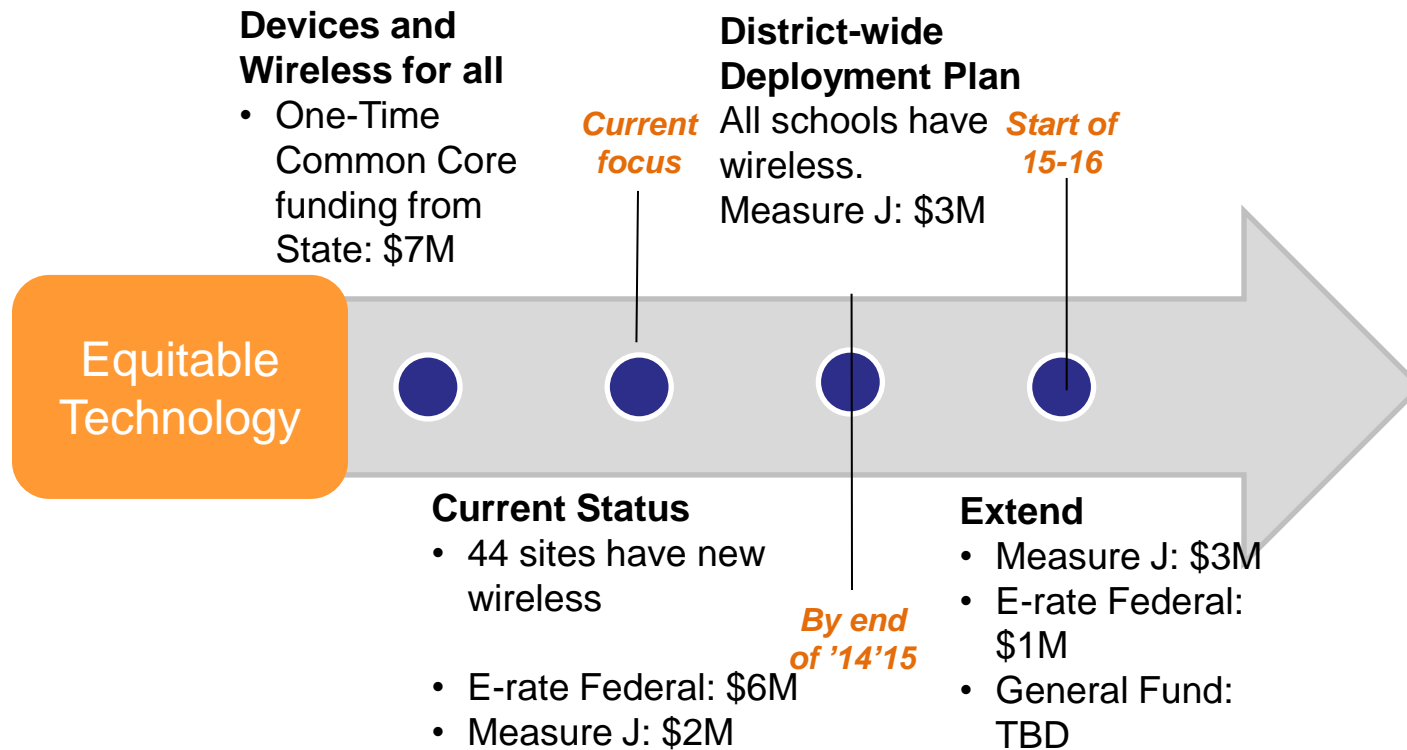


Plan Funding



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



Funding estimates are either allocated or budgeted

Equitable Network



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

School Type	WAN speed 2013	WAN speed 2014	WAN speed 7/2015
Elementary	20 Mb/sec	100 Mb/sec	1 Gb/sec (1000Mb/sec)
Middle Schools	50 Mb/sec	200 Mb/sec	1-5 Gb/sec
High Schools	100 Mb/sec	500 Mb/sec	1-5 Gb/sec

West Oakland
STEM Corridor and
44 schools with
new wireless by
August 2014.
See Appendix 1.



Wireless Access Point
in all classrooms by
Spring 2015.
See Appendix 2.

Devices for All at School and Home



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

- Equitable, supportable, and standardized technology platform to personalize learning for all students



- **All STUDENTS** have internet access and a computing device at home and at school as needed

- **Computers for Staff**
-

Platform & Portal for Digital Learning



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



CURRICULUM



Online Services



DATA



STAKEHOLDERS

Phase 1

Fall 2014: \$80,000

Phase 2

Fall 2015: \$300,000

Funding replaces existing software budgeted

Platform & Portal for Digital Learning



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



Use Data to Improve Teaching & Learning



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



Implement & Support Staff with systems:

- **Data Warehouse (DW)**
- **Human Capital Data Management (HCDM)**
- **Content Management (LMS)**
- **Student Information (SIS)**
- **Finance (ERP)**

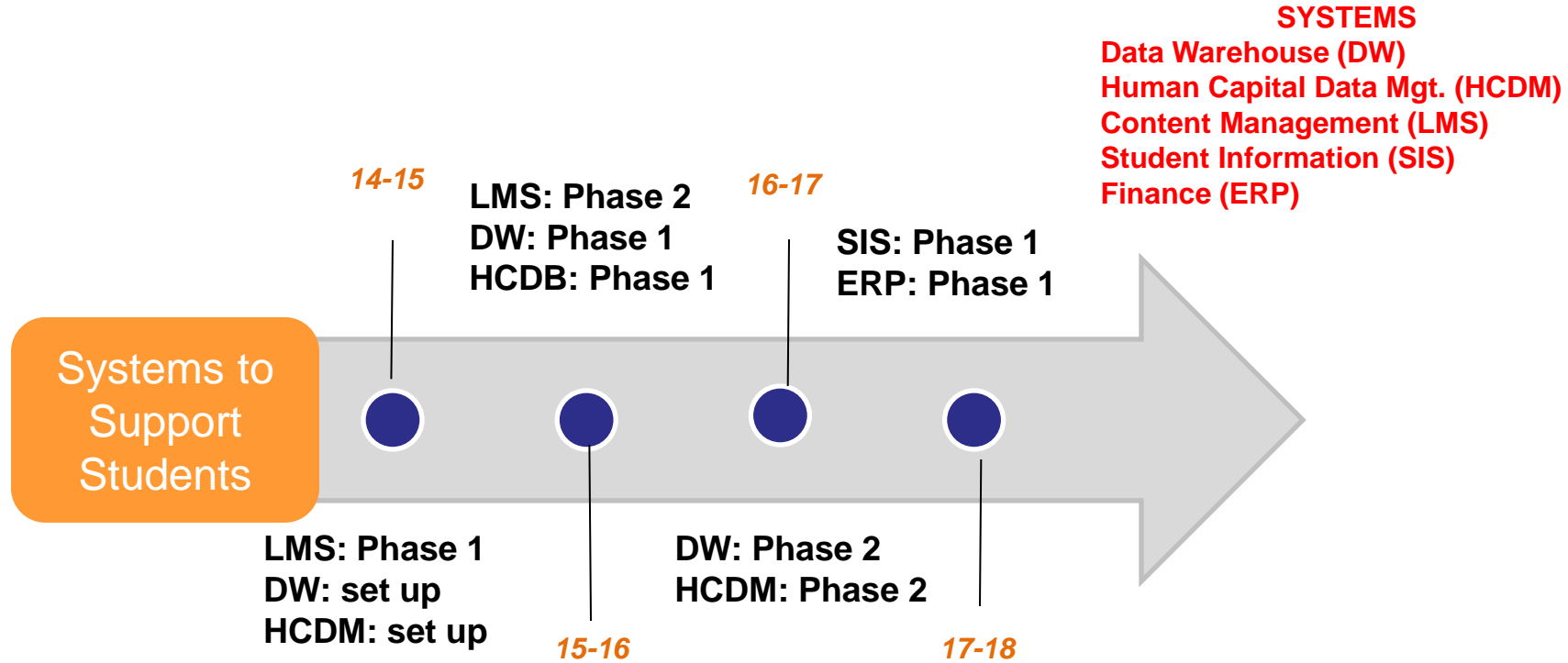


Use Data to Improve Teaching & Learning



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students



System	14-15	15-16	16-17	17-18	
DW	\$430,355	\$322,546	\$157,974	\$90,000	All out year budget estimates need approvals
HCDMS	\$1,400,000	\$600,000	\$600,000	\$600,000	
LMS	\$70,000	\$300,000	\$200,000	\$200,000	
SIS	\$100,000	\$100,000	\$250,000	\$150,000	
ERP	\$200,000	\$200,000	\$200,000	\$200,000	

PD & Support



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Using Instructional Technology Teacher Leaders (ITTL's)

Focus on:

- Common Core
- Personalized Learning



Focus on:

- Interpreting data to inform decisions

- Reinventing District Support

Appendix 1



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Sites with Complete new wireless the month

Markham Parker Community United Elementary Sobrante Park ACORN Woodland Hillside Academy Encompass ASCEND International Community School Think College Now Frick Madison Elmhurst Community Prep Alliance Academy Brewer Hoover Arroyo Viejo CDC Lockwood Pre K Lockwood CDC Brookfield Webster Academy Futures Elementary Horace Mann Elementary	Bella Vista Greenleaf Elementary Emerson Lafayette Manzanita Seed Manzanita Community School Martin Luther King Jr. PLACE @ Prescott Sankofa West Oakland Middle School Roosevelt ROOTS United for Success Coliseum Prep Urban Promise Dewey Life Academy Oakland International High Howard CDC Lakeview CDC
---	---

Appendix 2



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Sites with complete new wireless by Spring 2015

<p>Allendale Elementary Burckhalter Elementary Chabot Elementary East Oakland Pride Elementary Cleveland Elementary Crocker Highlands Elementary Global Family Franklin Elementary Fruitvale Elementary Garfield Elementary Glenview Elementary Grass Valley Elementary New Highland Academy Hillcrest Elementary Laurel Elementary Lincoln Elementary Joaquin Miller Elementary Montclair Elementary Peralta Elementary Redwood Heights Elementary Sequoia Elementary Thornhill Elementary Carl B. Munck Elementary Hoover Elementary Kaiser Elementary</p>	<p>Fred T. Korematsu Discovery Academy Esperanza Elementary Bridges Academy Rise Community Reach Academy Claremont Middle Bret Harte Middle Community Day Middle School Montera Middle Westlake Middle Melrose Leadership Academy Castlemont High Fremont High McClymonds High Oakland High Oakland Technical High Skyline High Ralph J. Bunche High Street Academy (Alternative) Arts School - Oakland Technical Fashion Academy Independent Study, Sojourner Truth Tilden ES (admin currently) Lakeview (admin currently) Cole MS (admin curently)</p>	<p>Community Day HS Rudsdale Continuation Burbank Preschool Center Bella Vista CDC Brookfield CDC CDC Reach/Cox CDC Garfield CDC International CDC Emerson CDC Jefferson CDC Centro Infantil CDC Laurel CDC Martin Luther King Jr CDC Yuk Yau CDC HR Tubman CDC Manzanita CDC PLACE @ Prescott CDC Hintil Kuu Ca CDC Sequoia CDC Stonehurst @ Korematsu CDC United Nation @ La Escuelita CDC Allendale CDC Acorn Woodland/Encompass CDC Bridges CDC Sankofa CDC</p>
--	--	---

**Every Student
Thrives!**