



OSM Quarterly Update

Feb 10th 2015

- Program Highlights
- “Makerspace” presentation
- Franklin High School Video



Overall Perspective

- Program remains on time, on budget & visible to community
- Building momentum getting ready for major High School construction
- Groundbreaking events scheduled
- Preparing to bid construction contracts for Summer 2015
- Closely monitoring construction industry environment relative to competition and cost



Modernization– Extended Learning Areas: Commons, Flex Space, Brain Bar, Makerspace



Raisbeck Aviation High School, Seattle, WA
Bassetti Architects

Flex Space



High Tech High International School, San Diego, CA

Flex Space



Raisbeck Aviation High School, Seattle, WA
Bassetti Architects



Brain Bar



Raisbeck Aviation High School, Seattle, WA
Bassetti Architects

What Is Makerspace?

A Few
Ideas

moe

ADX Portland, Oregon





**Dale
Dougherty**

I'm founder of MAKE magazine and creator of Maker Faire. I am CEO of Maker Media, the company that produces MAKE, Maker Faire and Maker Shed. I am Chairman of the Maker Education Initiative (www.makered.org).



Make:
technology on your time

Build Makey the Robot!
page 76 »

FLYING DRONES »
Build the world's cheapest, funnest, most hackable autopilot.
BY CHRIS ANDERSON

ROBOT'S, ROVERS, DRONES
AND
STARTING ON PAGE 45 »

PLUS:

- » **SERVO PRIMER**
Learn the basics of servomotors
- » **PLYWOOD RECLINER**
Make your own lounge chair
- ROBOTIC FLIES** PAGE 58 »
- MIDI CAMERA CONTROL**
PAGE 129 »
- GREEN SURFBOARD**
PAGE 134 »

O'REILLY

makezine.com

New York



Image: Makerspace— New York Hall of Science

Detroit



Image: Makerspace– Detroit Public Library

Detroit



Image: HYPE (Helping Young People Excel) Makerspace— Detroit Public Library

San Francisco



Image: Make Magazine—Noisebridge San Francisco, CA

Austin

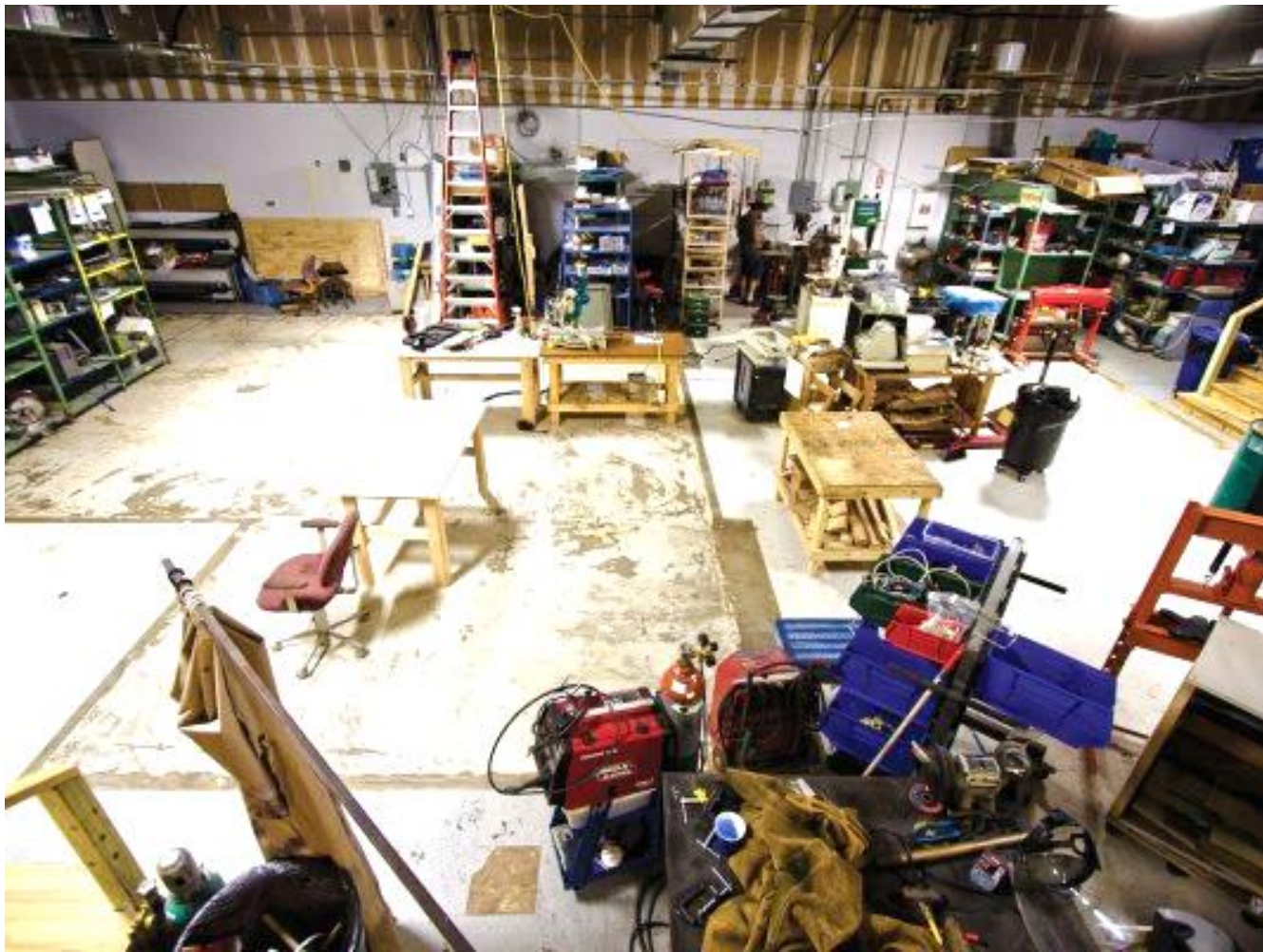


Image: Make Magazine, ATX Hackerspace Co-op Austin, TX

Chile



Image: Makerspace—Santiago, Chile

France



Image: Hacker Space France

Togo



Image: WoeLab– Togo, Africa

Cairo



Image: Hackerspace– Cairo

Makerspace for Woodworking



Image: Makerspace.com High School Makerspace Tools and Materials

Textiles



Image: Makerspace.com High School Makerspace Tools and Materials

Electronics/Circuits/Robotics

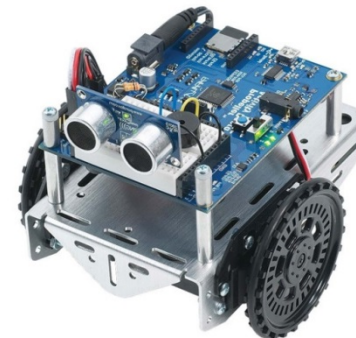
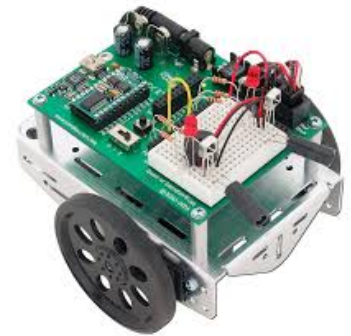




Image: Maker faire.com. Arduino wired to test environment

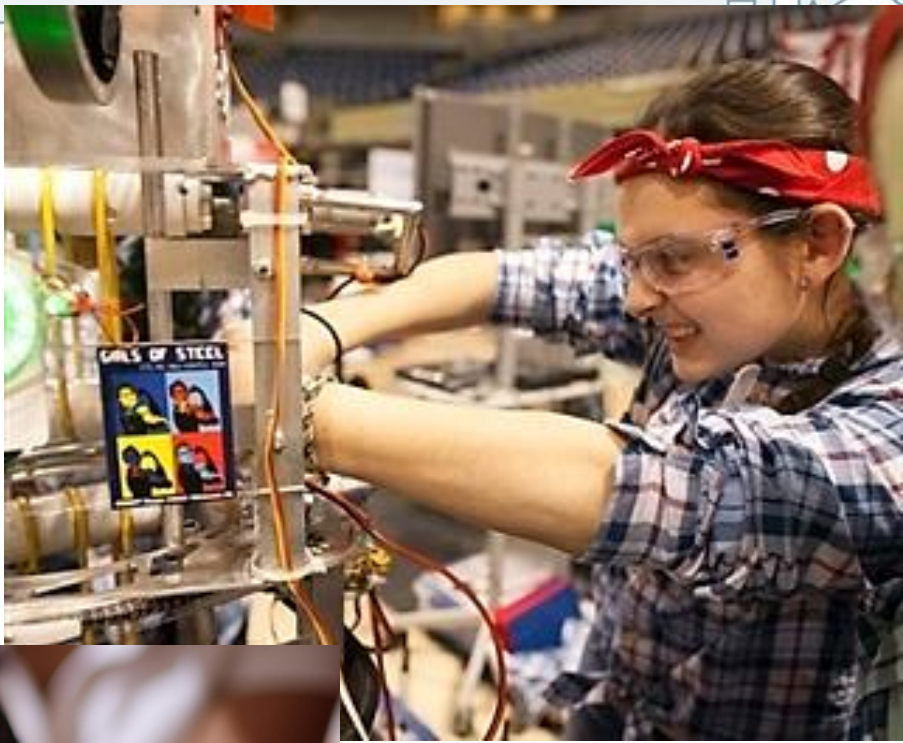
Science



Image: Makerrfaire.com. 3D printer components produce protein structure

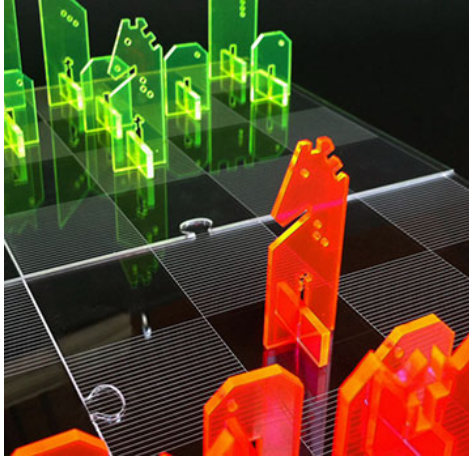


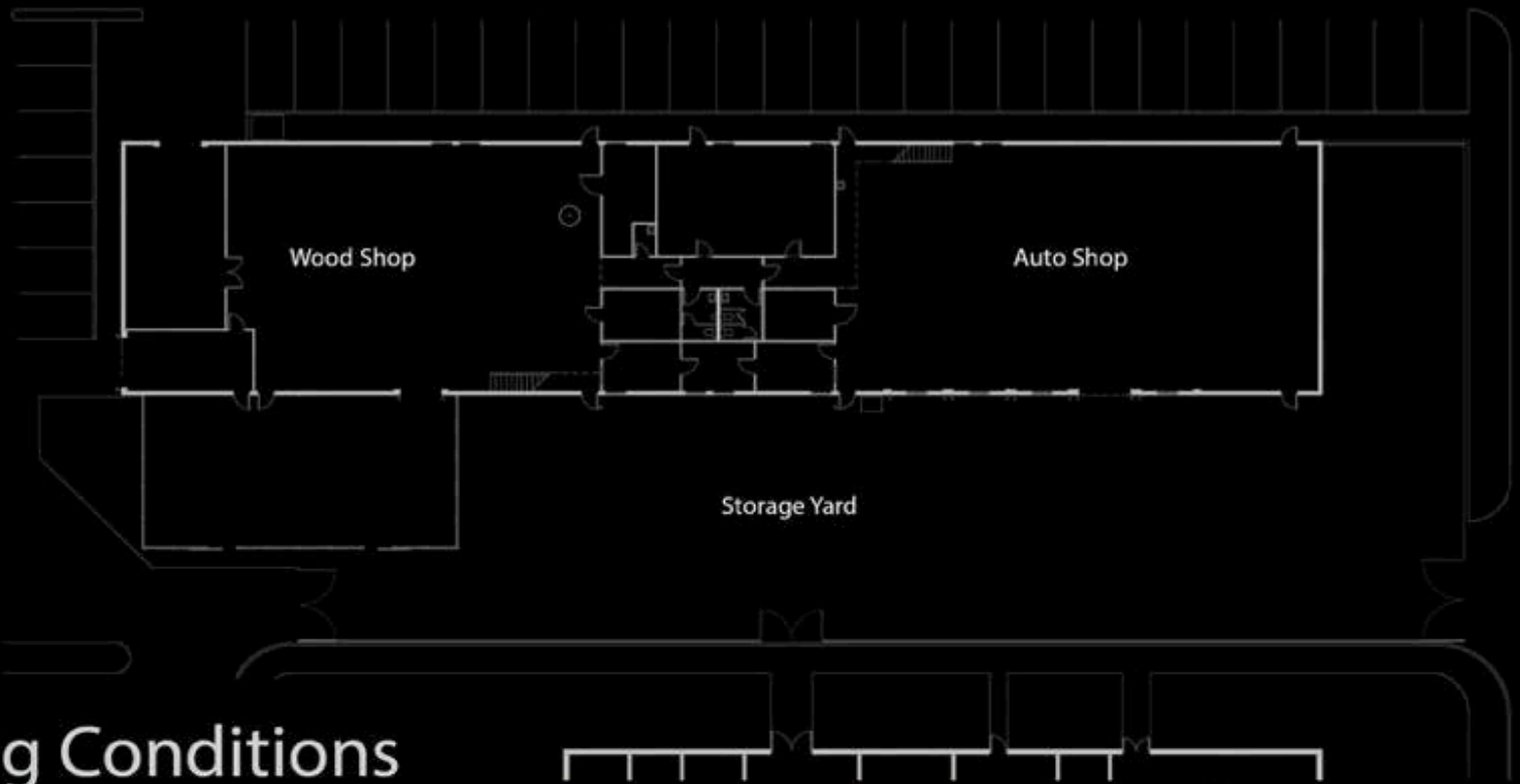
Engineering



Images: The Ellis School

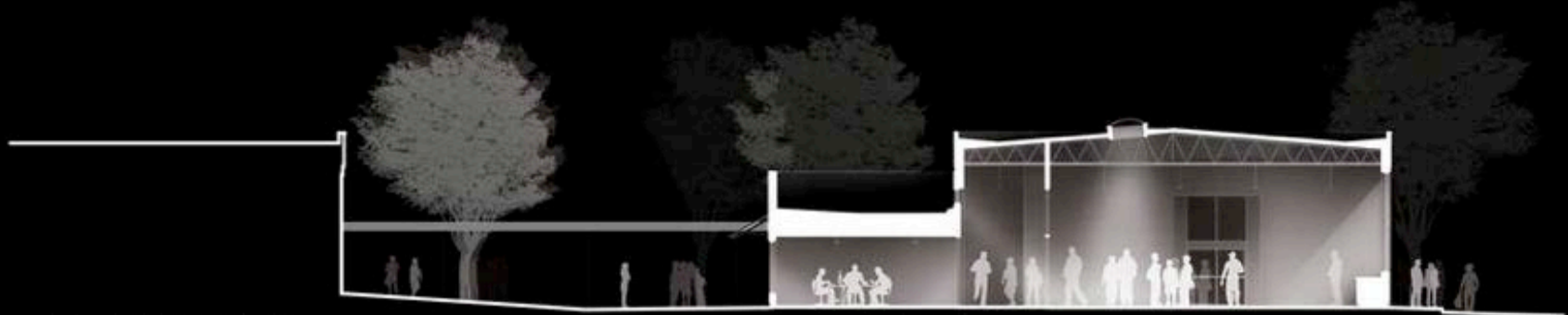
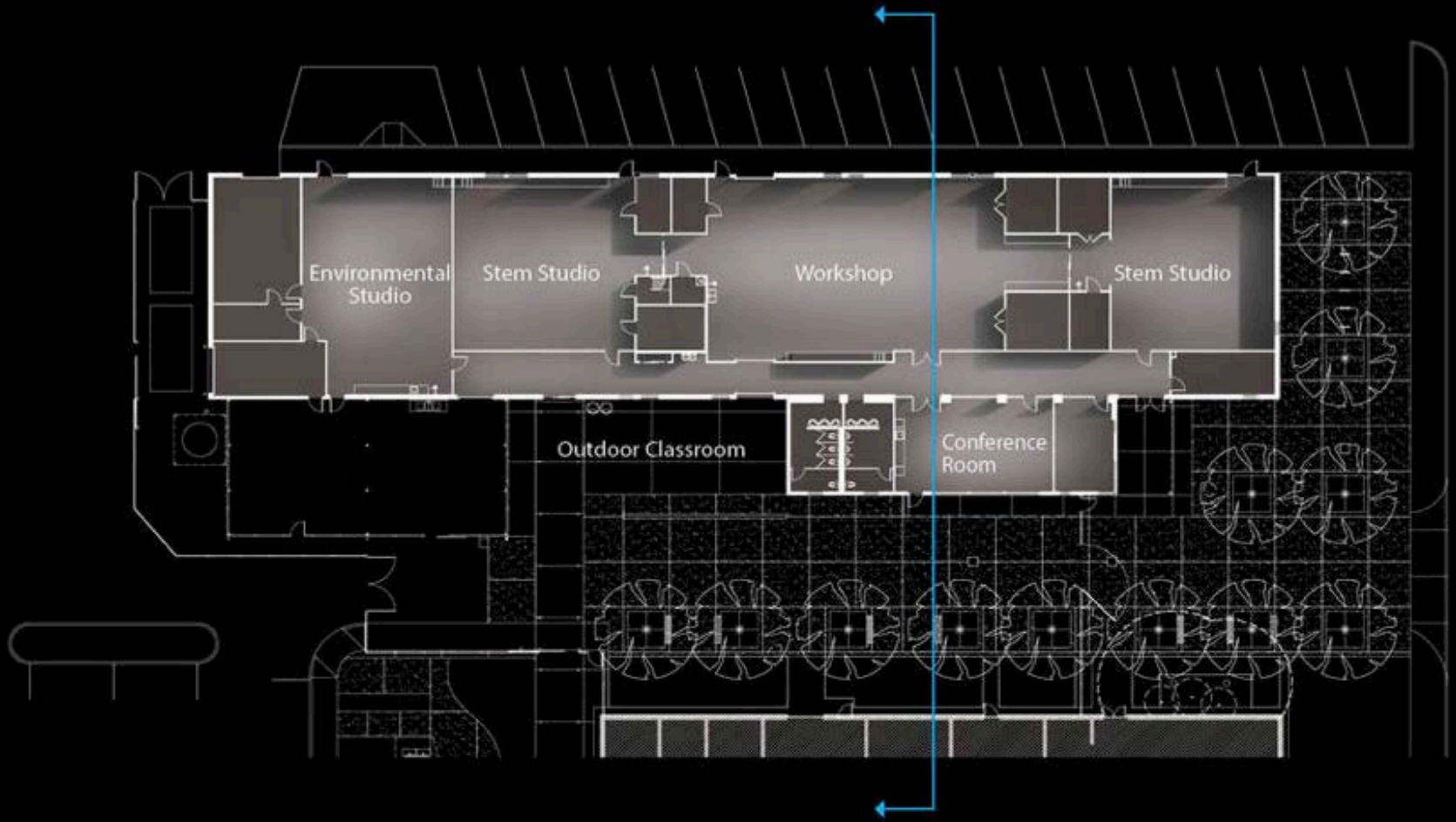
3D Printer, Laser Cutter, CNC Cutter (Computer Numerical Controlled)





Existing Conditions





Churchill High School

Remodel and Addition







PPS Vision:

Makerspaces are a place for students to experiment, discover, model, construct and design with the support of tools and technology not found in a typical classroom.

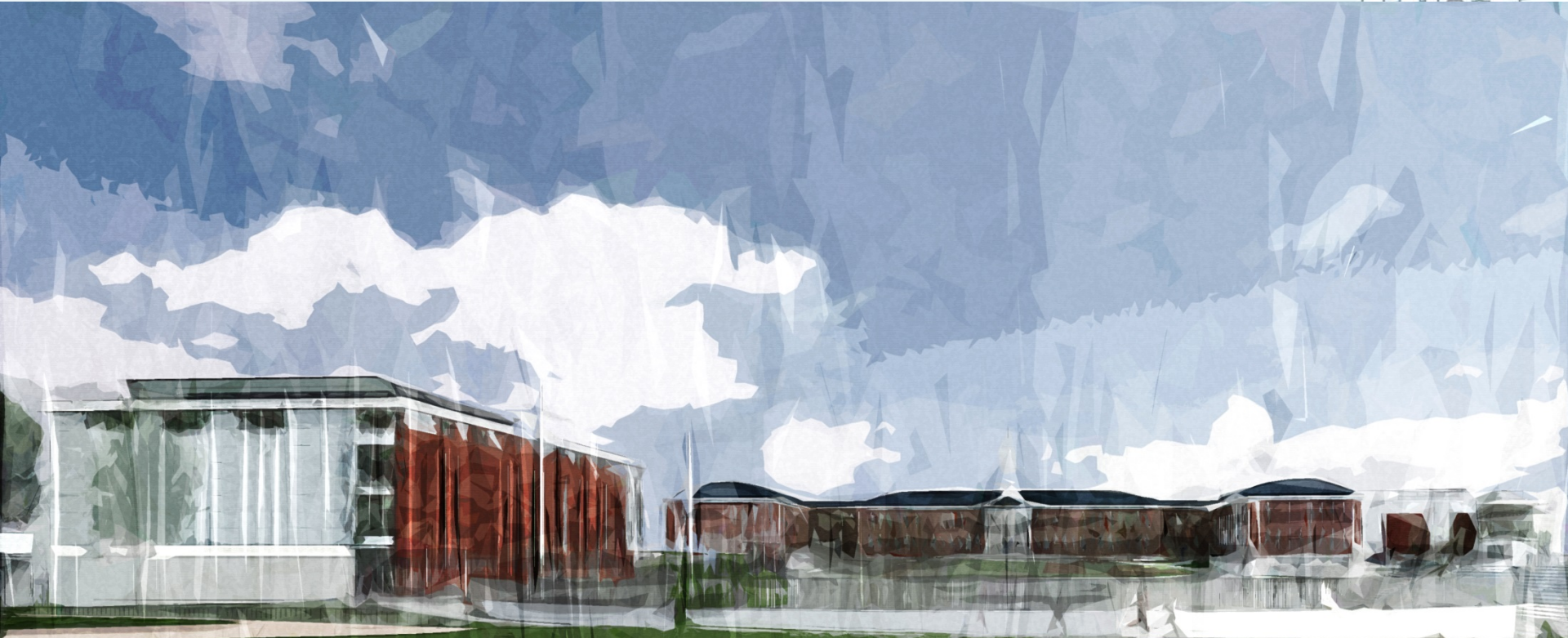
ETHAN
IN
GDUB
WIRE HERE
Sponge
MAJPA
Ginger
KROCK
GWC
marrine coils efex
this
LOVE
spaghetti
LOV
Choc chip
COOKY
LCOOL



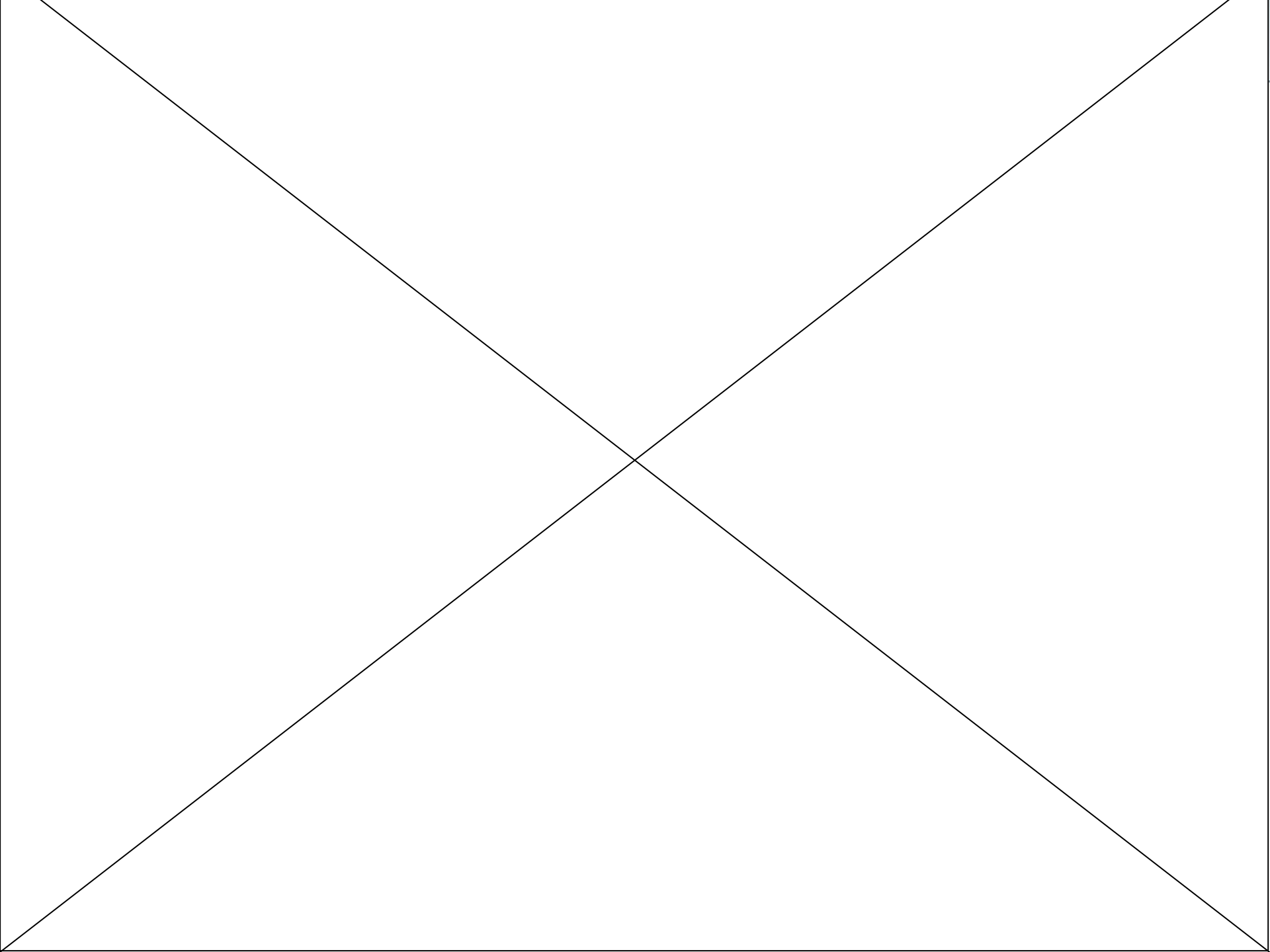
#I'M SO TALL
DINO SAURS
++YOLO
Red Wagon
Bobaflo
GOTT
ARTIST
ASPIRANT
The next thing I want
Make is...
Kinsler
Rocks
VAIVU
Pic
robot

End





Franklin Design Highlights



Plans for Additional Immediate Investment in Improved Outcomes for PPS Students

Carole Smith
February 10, 2015

Outline

- ▶ Background
- ▶ Survey Results
- ▶ Spending Plan A – \$12.125 million
- ▶ Spending Plan B – \$7.2 million
- ▶ Risk Factors
- ▶ Contingency Scenarios

Background – Amendment No. 2 to 2014/15 Budget

- ▶ **Beginning Fund Balance**
 - Add School Staff
 - Spending Plans in support of Three Priorities
 - One-time Investments
 - Increased Uncommitted/Unassigned Contingency to 4.5%
- ▶ **Fall Balancing**
 - Higher Local Option Revenue
 - Lower Expenditures
 - Increased Uncommitted/Unassigned Contingency to 7%
- ▶ **Board Direction**
 - Develop Spending Plans to address Immediate Needs in Schools
 - Survey School-Based Staff

Survey Results

- ▶ 2,016 responses (40% rate)
- ▶ Three highest rated:
 - Technology Upgrades
 - School Safety Improvements
 - Increase Schools' Discretionary Budgets
- ▶ Next three:
 - Summer Programming
 - Library Books
 - Musical Instruments
- ▶ Plus a variety of suggestions from respondents

Spending Plan A

Program	Amount
Technology Support for Teachers & Students	\$4,200,000
School Safety Improvements	\$770,000
Credit Recovery & Summer School	\$750,000
Library Books/Musical Instruments/PE Equipment	\$1,375,000
Training and Professional Development	\$630,000
CTE Expansion	\$700,000
Support for Focus & Priority Schools	\$3,700,000
Total Used	\$12,125,000
Uncommitted/Unassigned Contingency	\$23,400,000 4.5%

Spending Plan B

Program	Amount
Technology Support for Teachers & Students	\$3,300,000
School Safety Improvements	\$770,000
Credit Recovery & Summer School	\$750,000
Library Books/Musical Instruments/PE Equipment	\$1,375,000
Training and Professional Development	\$630,000
CTE Expansion	\$375,000
Total Used	\$7,200,000
Uncommitted/Unassigned Contingency	\$28,300,000 5.5%

Risks

Risk Factor	Estimate
State School Fund: Co-Chairs Budget (\$7.235B) v. Current Service Level (\$7.5B)	\$10,400,000
Cost of Full-Day Kindergarten	
Personal Income Tax Kicker	
2013/14 State School Fund Reconciliation	\$3,500,000
Total	\$13,900,000

Summary

Spending Plan A \$12,500,000	Uncommitted/Unassigned Contingency	Spending Plan B \$7,200,000
Technology Support, School Safety, Credit Recovery/Summer School		Technology Support, School Safety, Credit Recovery/Summer School
Library Books, Instruments, PE Equipment, Professional Development	\$28,300,000 5.5%	Books, Instruments, PE Equipment, PD, CTE Expansion
CTE Expansion Focus & Priority Schools	\$23,400,000 4.5%	Co-Chairs Budget v. Current Service Level \$10,400,000
Co-Chairs Budget v. Current Service Level \$10,400,000	\$14,400,000 2.7%	Estimate of 2013/14 Year- End Adjustment \$3,500,000
Estimate of 2013/14 Year- End Adjustment \$3,500,000	\$9,500,000 1.8%	

REDUCING EXCLUSIONARY DISCIPLINE

February 10, 2015

OUR COMMITMENT

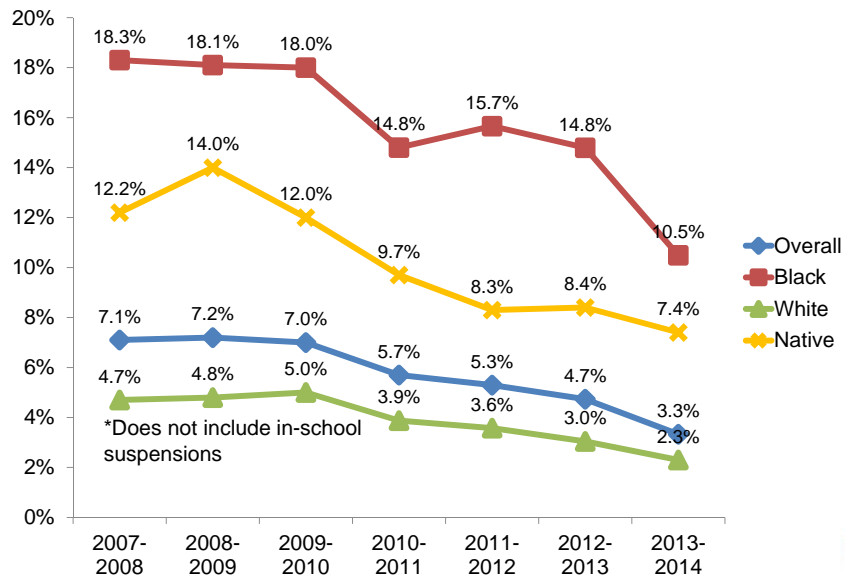
To reduce exclusionary discipline and increase instructional time for all students

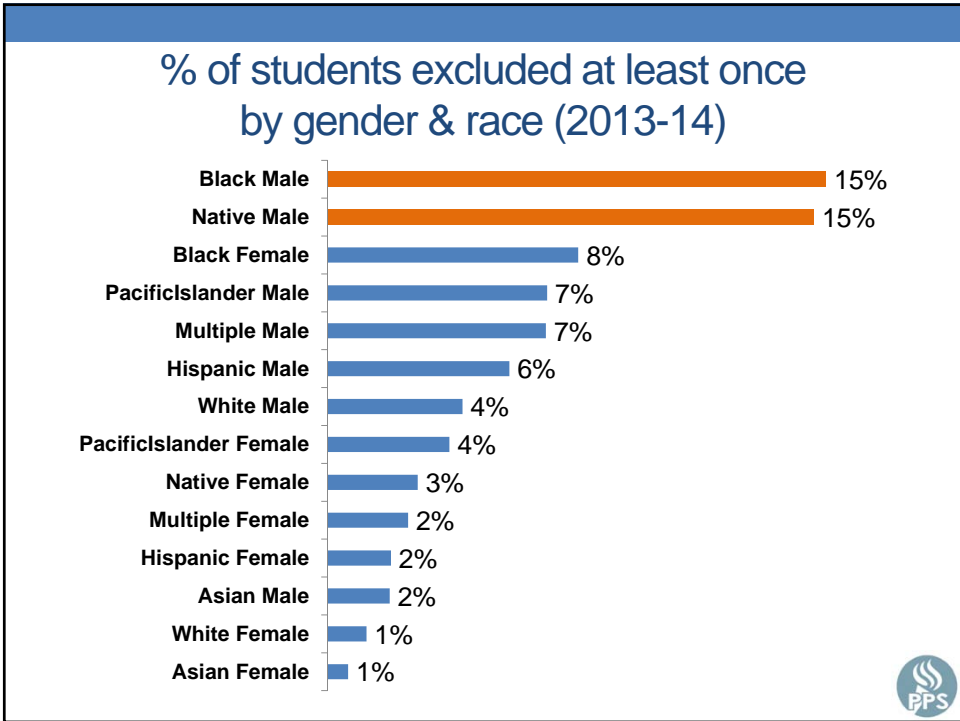
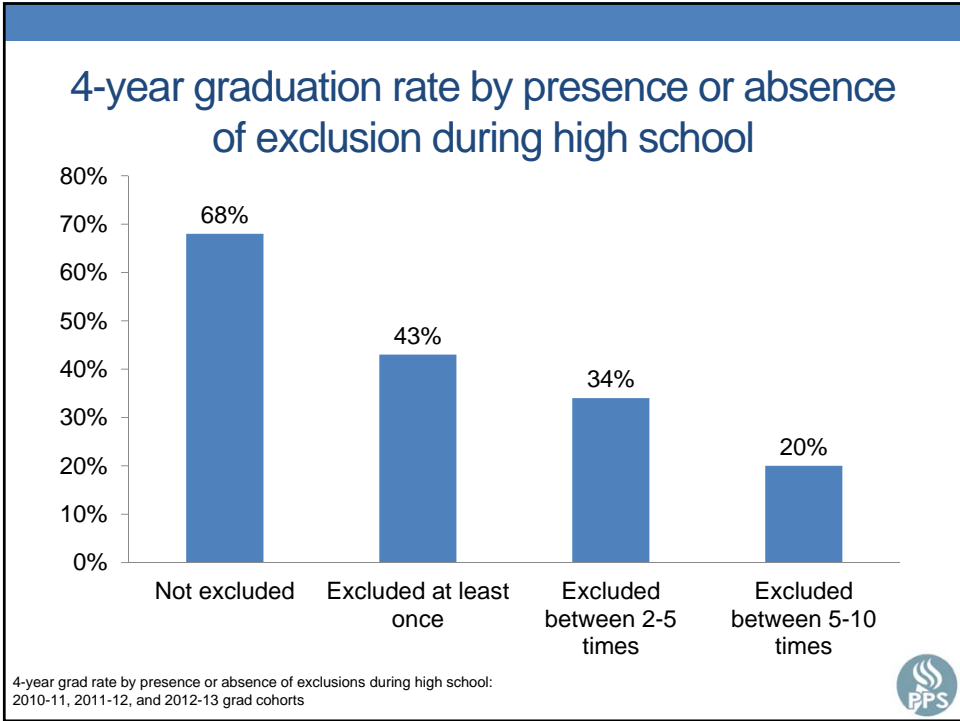
District goals

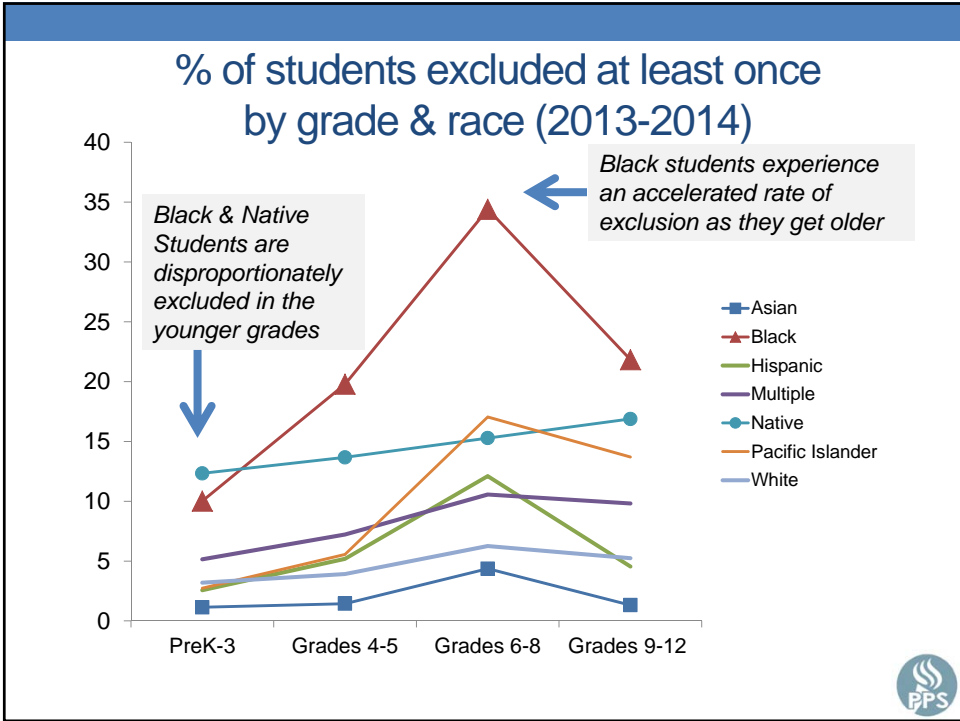
- 50% reduction in overall exclusionary discipline & 50% reduction in disproportionality in exclusionary discipline in 2 years.
- Agreement to participate in a broad-based community discussion led by Portland Parents Union to determine a moratorium recommendation



% of students excluded at least once (2007 – 2014)



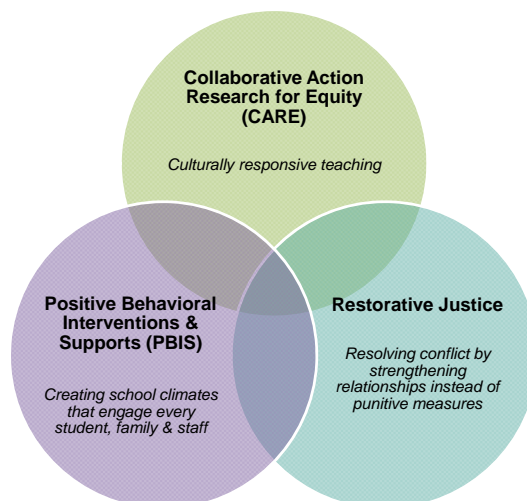




OUR PLAN

High Leverage Strategies To Reduce Disciplinary Exclusion and Eliminate Disparities in Disciplinary Outcomes

Foundation for an Inclusive School Culture



Key Actions

- Providing PBIS, RJ & CARE training for schools
- Providing racial equity training for new teachers
- Revision of student discipline & conduct documents
- Improving our data input, collection, monitoring and reporting processes
- Partnering with families to develop School Climate Plans
- Supporting students at the earliest sign of concern (Early Warning System)
- Providing SUN System partners with restorative justice training



Culturally Specific Services

- Hiring Student Assistance Coordinators in select schools to support our African American, Native American and Latino students
- Expand the work of culturally specific partners in select schools:
 - Mentoring
 - Leadership development programs
 - Healing circles
 - Mental health services



PROGRESS UPDATE

Progress Update

- PBIS, RJ & CARE trainings underway
- Culturally specific supports in place
- Resolutions NW providing RJ support at 6 schools
- Updated 2014-15 Student Discipline Handbook released in cooperation with PAT
- Principals must receive approval prior to suspending for more than 2 cumulative days
- Exploring moratorium with Portland Parent Union




WHAT IT LOOKS LIKE

Boise-Eliot/Humboldt School



CARE (Collaborative Action Research for Equity)

- Teacher teams participate in classroom research to discover, develop, and deliver culturally relevant teaching and learning practices
- Teachers learn to respond to the learning needs of our historically underserved student groups – African American, Latino, Native American and Southeast Asian students
- Focus on RIGOR, RELEVANCE, REALNESS & RELATIONSHIPS
- Focus on racial equity



Culturally Responsive PBIS

- Culturally responsive PBIS engages students, families, and staff in establishing an organized framework of culturally responsive effective school climate practices
- Beliefs:
 - Students need to know what is expected of them
 - Students need to be directly taught positive behaviors
 - Positive behavior needs to be encouraged and acknowledged
 - Supports need to be provided as needed to enable school success



Restorative Justice

- Has emerged as an alternative discipline model to reduce exclusions, as well as decrease police and juvenile justice involvement
- Include a variety of proactive and reactive processes such as restorative inquiry, mediation, conferencing, dialogue, etc.
- Three fundamental underpinnings:
 - understanding the impact and repairing the harm
 - engaging community and
 - empowering all involved



WHAT IT LOOKS LIKE

Boise-Eliot/Humboldt School