#### Teacher First Design: Decentering Learning Environments to Promote Healthy Workplaces

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Who We Are



**Dr. Wenimo Okoya** Founder & Executive Director Healing Schools Project



**Brooke Trivas** K-12 Practice Lead Perkins&Will



**Dr. Erika Eitland** Director, Human Experience Lab Perkins&Will

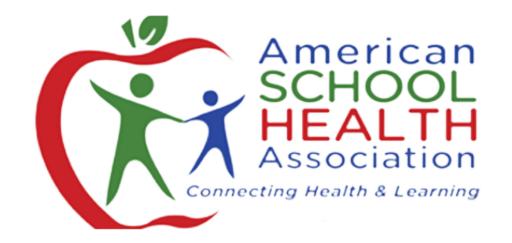
#### Agenda

Why Teaching Spaces at A4LE? Promoting Healthy Workplaces through Design What our current approach lacks?

Community Circle to Action



# **Setting the Stage** Why Teacher-First?



School Health is the comprehensive efforts of developing, implementing, and evaluating services, both within the school and the community, that provide <u>each and every student</u> with the resources needed to thrive within a healthful environment. **Child-Centered** 

# How do we define healthy learning environments?



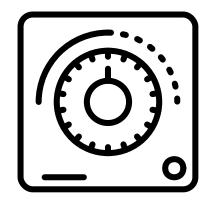
Physiology



Behavior



Potential



Efficacy

# Navigating unprecedented change requires holistic thinking.



Strategies that support flexibility in behavior, logistics, and technology during shifting teaching needs.

#### **Health Promotion**

Strategies that promote physical and mental health, social cohesion, and a sense of belonging and safety.

#### **Risk Mitigation**

**Educational Adaptation** 

Strategies for reducing adverse environmental exposures that influence school occupant health and performance.

**Risk Mitigation** 

**Health Promotion** 

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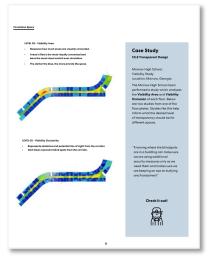


#### **Healthy Schools by Design**









White Paper



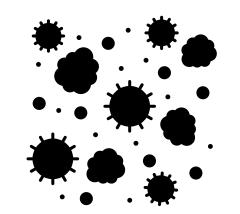
Strategies Checklist Tools & Resources Case Studies & Design Hypotheses

#### How do we support healthy workplaces?



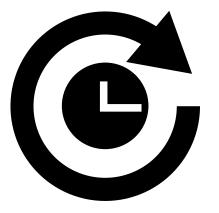
Physiology

77% of public school teachers are female



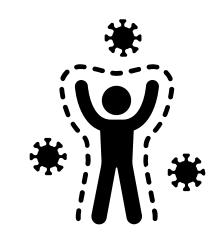
Tenure

~14 years of experience & working ~53 hours a week



#### Ergonomics

Repetitive work, long periods of standing & frequent lifting

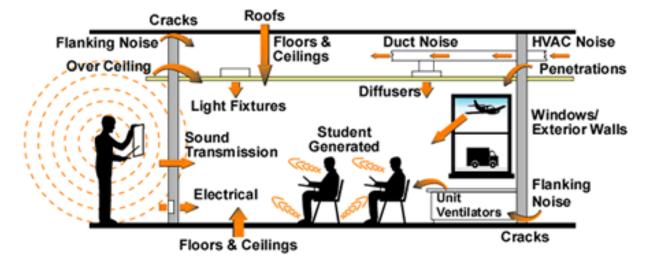


Demographics

>25% of teachers are over 50 years old

Noise: Do we need to celebrate using our teacher's voice?

#### **State of Our Teachers**



Women have smaller larynxes, or voice boxes, and their vocal cords vibrate more quickly (Long, 2016) Music teachers are 8x more likely to have voice related problems compared to the general public (Morrow & Connor, 2011) ~600,000 U.S. teachers miss at least one day of work per year because of voice problems. Teacher voice injury costs the economy \$2.5 billion per year (ASA, 2016) Classroom amplification technology has been shown to reduce vocal strain-related teacher absenteeism for over 15 years "The evidence is clear. No matter how good the curriculum, the teachers or administrators, we can't achieve world-class education with crumbling school facilities."

Mary Filardo, 2021 State of Our Schools

# **Designing for Teachers** 3 Takeaways



1. You must provide an ecosystem of spaces to support diverse individuals





"Teachers hate giving up their own personal space & desk"

#### **COLLABORATE** DEVELOPMENT

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# RESPITE/SOCIAL/DECOMPRESS VARIABILITY | INCLUSION

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#### PERSONAL SPACE SAFETY | INCLUSION | COMFORT

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# VISUAL & ACOUSTIC PRIVACY | SCHEDULED





2. Unlock co-benefits in every design decision to promote teacher health



#### Every design decision can improve teacher experience

Case study: Desk Selection

Perkins&Will



3. Go beyond the status quo to reinforce teacher health priorities





Ask the deeper questions. Teachers will be biased what they do not have.

- Technology & Power
- Storage & Visual Clutter

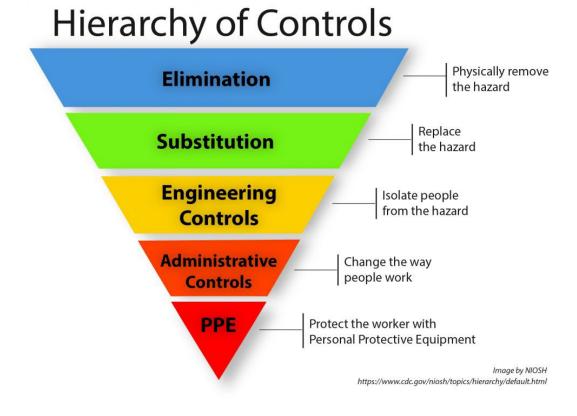
It is our job to inspire, educate, and enlighten teachers.







#### Creating redundancy to support healthy workplaces



#### **Thermal Comfort**

- Building Orientation
- Presence of AC
- Temperature Controllability
- Shades

#### Acoustics

- Change layout/ dimensions of classroom
- Reduce background noise from HVAC & Outdoors
- Voice enhancement

#### ...BUT TENSIONS PERSISTS TO PROMOTE HOLISTIC TEACHER HEALTH

What's Missing?

#### **State of Our Teachers**



K-12 teachers are twice as likely to experience depression and high levels of job-related stress as the general population.



Educators report mental health symptoms as reasons for leaving the field.



62% of Black teachers and 59% of Latine teachers said they planned to leave education sooner than expected, compared to 55% of teachers overall

Schools continue to be illequipped to provide adequate well-being support for educators, especially educators of color.



We are a nonprofit dedicated to helping schools integrate anti-racist mental health and well-being practices to improve retention for teachers, especially teachers of color.

We use evidence-based approaches that are tailored and culturally relevant through healing circles, trainings, and strategic planning so that teachers can thrive, grow, and support every student.



Reaching more educators. Reaching more schools.

#### Who We Work With

2020-21 SY

**O partnerships** 

**50 educators** 

2021-22 SY

4 clients

-

-

160 educators

2022-23 SY

7

-

-

-

11 clients

1200+ educators

Where we work



#### **TEACHFORAMERICA** New Jersey





#### PORTLAND PUBLIC SCHOOLS prepared & empowered







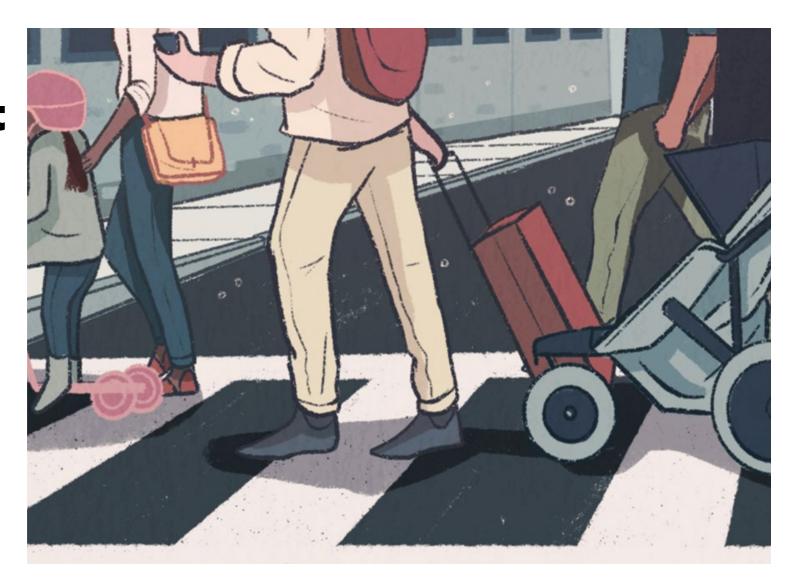




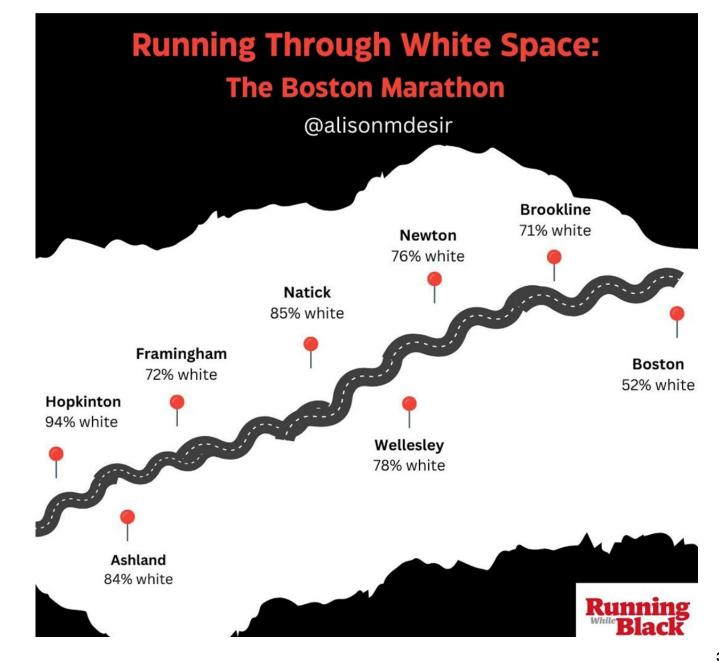
#### BLACK 難TEACHER COLLABORATIVE

#### Centering Our Design on the Most Marginalized

The Curb Cut Effect



#### Centering Our Design on the Most Marginalized



Psychological Safety for Black People at the Boston Marathon

**Tailored for Success** 

#### Our approach



We design by centering educators of color in our work The result: A solution that works well for teachers of all backgrounds

#### **Our Three-Pronged Approach**







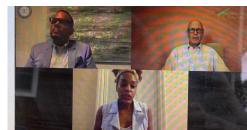








School Leader Strategic Planning



**Community Circle** Designing for Belonging

## How do you know you belong in a space?

# What does it feel like when you belong?

# How can we incorporate the voices of the most marginalized in our work?

## Case Study: KIPP:NJ



- Middle School in Newark, NJ
- About 300 students and 36 educators
- Participated in four healing circles, two community care workshops, and coaching and advising with their administrative team over the 2021-22 SY





#### Using <u>RAND Job Related Stress</u> Survey as a Benchmark

# 77%

agreed or strongly agreed with the statement: "If I had concerns about my school, I would feel comfortable raising them with administrators at the school."

#### compared to 66% in RAND study!

#### 78%

#### reported that if the school did more work like this, more teachers would be willing to stay.

Showing efficacy for teacher retention already!





#### We created a better community and improved working conditions



reported their view of the importance of community care increased

74%

reported they felt more connected to their colleagues

### **Thank You**

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