

GREENFUTURES

— A Sustainability Plan —

THE SCHOOL DISTRICT OF PHILADELPHIA

PURPOSE

Share with stakeholders a 5-year framework that shows how we are becoming a more sustainable organization, using specific performance metrics.



DESIGN

Modeled after Philadelphia "Greenworks" and other sustainability programs.

Developed over a yearlong period with partners and District staff.

Monthly subcommittee meetings and other interactions.



PLAN

Education for Sustainability
Consumption & Waste
Energy & Efficiencies
School Greenscapes
Healthy Schools, Healthy Living



OUTCOMES

Sustainability-infused habit-of-mind; schools and organization

Reduced energy consumption

Reduced trash in landfills

Improved student health and academic performance

Improved environmental footprint

Increased equitable access to green spaces for every student and family

EDUCATION FOR SUSTAINABILITY

Chair: Megan Garner

Co-Chair: Ellen Schultz, Fairmount Water Works

**University of Pennsylvania, Env
Sustainability Director**

Philadelphia Zoo

Schuylkill Environmental Ctr

Cloud Institute

PA Department of Health

Keep Philadelphia Beautiful

PA Horticultural Society

Bryn Mawr College

Franklin Institute

Fairmount Waterworks

National Wildlife Federation, Eco-Schools

US EPA



Office of Curriculum

Chris Shaffer

Kristine Len

L. Konrad

Peter Jepsen

Educational Technology

Paula Don

Teachers

Jose Ramos, Cook-Wissahickon

Diane Powers, Cook-Wissahickon

Stephanie Kearney, Penn Alexander

Tasmin Aziz, SLA Beeber

CTE/STEM

David Kipphut

Najwa Smith

EfS

Target

100% of schools and administrative offices will show evidence of EfS within 5-years.

Goal

Infuse EfS into school curriculum, administrative practices and family and community engagement.

Metrics

- Number of Schools
- Number of Departments
- Number of Trainings/PDs

Actions

- Task
- Lead Agency
- Partners
- Completion Date

WASTE & CONSUMPTION

Chair: Megan Garner

Co-Chair: Michelle Feldman, Keep Philadelphia Beautiful

Recyclebank

City of Philadelphia,
Recycling Office

Garnet Valley Public
Schools

Keep Philadelphia
Beautiful

US EPA

PennFuture



Facilities

Matt Melady

Tim Holman

Tahise Moore

Food Services

Wayne Grasela

Amy Virus

WASTE & CONSUMPTION

Target

The District will increase its waste diversion rate by 10% over 5-years.

Goal

Every school will recycle.

Metrics

- Waste Diversion Rate
- Number of Schools
- Waste Disposal Costs

Actions

- Task
- Lead Agency
- Partners
- Completion Date

ENERGY & EFFICIENCIES

Chair: Megan Garner

Co-Chair: Lisa Schulock, Penn State University

Co-Chair: Rich Freeh, City of Philadelphia, Office of Sustainability

**City of Philadelphia,
Office of Sustainability**

**Philadelphia Energy
Office**

DVGBC

US EPA

**Practical Energy
Solutions**

Philadelphia Zoo

**Drexel University,
Energy & Environment**

**North Penn School
District**

**PFT H&WF and Union
Penn State University,
CBEI**



Facilities

Tahise Moore

Capital

Danielle Floyd

Craig Harnitchek

**Transportation &
Procurement**

Marvin Lee

Stephen Zook

Jay Morris

ENERGY & EFFICIENCIES

Target

The District will decrease its energy consumption (BTUs) by 20% over 5-years.

Goal

Every school will conserve energy.

Metrics

- BTUs
- Energy STAR Scores
- Number of Schools

Actions

- Task
- Lead Agency
- Partners
- Completion Date

SCHOOL GREENSCAPES

Chair: Megan Garner

Co-Chair: Helaine Barr, Philadelphia Water

**City of Philadelphia,
Office of Sustainability**

Philadelphia Water

Trust for Public Land

The Food Trust

TTF Watershed

PA Horticultural Society

US EPA

Land Health Institute

Cloud 9 Rooftop Farm

Audubon Society

The Big Sandbox

**Community Design
Collaborative**



Facilities

Tahise Moore

Tim Holman

Capital

Danielle Floyd

Tom Schweiker

Office of Strategic Partnerships

Vicki Ellis

Grants

Laura Lau

SCHOOL GREENSCAPES

Target

The District will increase its green schoolyards by five schools per year over 5-years.

Goal

Every school will have green space.

Metrics

- Number of stormwater management projects
- Number of schools with greenscapes

Actions

- Task
- Lead Agency
- Partners
- Completion Date

HEALTHY SCHOOLS, HEALTHY LIVING

Chair: Francine Locke

Co-Chair: Mica Root, Get Healthy Philly

**City of Philadelphia,
Office of Sustainability**

**Philadelphia Department
of Public Health, Get
Healthy Philly**

**Mayor's Office of
Transportation & Utilities**

The Food Trust

**U Penn - Urban Nutrition
Initiative**

Legacy Pathways

US EPA

Youth United for Change

**Bicycle Coalition of
Greater Philadelphia**

PFT H&WF and Union

Penn State University

Healthy Schools Coalition



Facilities

Matt Melady
Robert Hunter
Tahise Moore
Tim Holman

Student Health Services

Tracey Williams
Shannon Smith

Food Services

Wayne Grasela
Amy Virus
Devon Sundberg
Lisa Norton

HEALTHY SCHOOLS, HEALTHY LIVING

Target

The District will holistically assess 25-schools per year to address facility challenges of healthy school environments over 5-years.

Goal

Every school will be healthy.

Metrics

- Number of schools assessed
- Student asthma prevalence
- Hydration stations installed

Actions

- Task
- Lead Agency
- Partners
- Completion Date

OUTREACH

1st Plan
Annual Reports
Website
Monthly Meetings
Training/PD
Twitter
PSAs



CASE STUDIES

Efs - Penn-Alexander
C&W - Kensington CAPA
E&E - Cook-Wissahickon
GS - SLA Beeber
HS/HL - Central HS

SNAPSHOTS

Background
Data
Story

CALL TO ACTION

Ideas
Funding
Volunteers

NEXT STEPS

- Release GreenFutures written plan
- Launch Website
- Continue with Subcommittee meetings
- Monitor Actions
- Track Metrics
- Report-out Annually