

# SMSD Sustainability + Community Engagement

City of Mission  
Sustainability Commission  
October 3, 2016



# SMSD Schools in Mission

Highlands Elementary

Rushton Elementary

Horizons High School



# Sustainability Objectives

1. Develop District sustainability goals with administrators, staff members, students and the community
2. Develop a comprehensive district-wide landscape plan using state-of-the-art ecological design principals to increase student achievement, improve environmental quality and serve the community.
3. Coordinate with the department of Curriculum & Instruction to develop curriculum that incorporates sustainable practices into curriculum
4. Create a master plan for district-wide composting and recycling programs and
5. Leverage partnerships through community engagement and grant-writing to support district initiatives



# SMSD Sustainability Youth Summit

March 30, 2016



# SMSD Sustainability Youth Summit Priorities

- Gardens | Natural Areas | Facilities for Environmental Purposes
- Education + Awareness | Student Involvement
- Efficiency | Energy, Water, Recycling, Composting
- Transportation Alternatives
- Health + Well-Being



# Sustainability Youth Summit Priority 1: Gardens | Natural Areas | Facilities for Environmental Purposes

- Center for Academic Achievement
- Landscape Advisory Planning Team | February 2016
- Sustainable Land Management | Maintenance
- School Gardens and Natural Areas | Curriculum



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## Sustainability Youth Summit Priority 2: Education + Awareness | Student Involvement

- Elementary STEM in-service days dedicated to incorporating Youth Summit priorities into curriculum.
- September 13 | School Gardens + Natural Areas
  - Kansas Department of Wildlife, Parks & Tourism
  - Kansas City Community Gardens
  - KC Healthy Kids
  - HS Environmental Science instructors



# Sustainability Youth Summit Priority 3: Efficiency | Energy, Water, Recycling, Composting



- 11 Shawnee Mission Schools have achieved Energy Star status
- They are performing in the top 25% of schools nationwide
  - Apache
  - Brookwood
  - Corinth
  - Indian Hills MS
  - McAuliffe
  - Overland Park
  - Pawnee
  - Santa Fe Trail
  - Shawanoe
  - Tomahawk
  - Westwood View



# Energy | KCPL Electric Vehicle Charging Stations

- Three Level 2 Charging Stations to be installed at the Center for Academic Achievement



# Water | Stormwater Management

- Managing landscapes to capture + reuse stormwater and protect water quality
- Center for Academic Achievement
  - Rainwater capture
  - Irrigate Broadmoor Urban Farm
- Trailwood Sixth Grade Proposals
  - Cisterns, gardens and water features



# Recycling and Composting

- 24 schools are currently composting
  - 19 elementary schools
  - 2 middle schools
  - 3 high schools
- Kitchens will be phased in this year
- 10 schools will come online in 2016-2017
  - East attendance area
  - South attendance area
  - West attendance area
- An average diversion rate of 70%



# Recycling and Composting Highlands Elementary



# Johnson County Health & Environment

- Equipped 19 schools | 2015-2016
- Equipping 7 schools | 2016-2017
- Staffing and technical assistance



# Recycling and Composting

## Municipal Collaboration + Public Participation



## Youth Summit Priority 4: Transportation Alternatives

## Youth Summit Priority 5: Health + Well-Being

- BikeWalk KC
- Walk to School Day | October 4 and 5
- Johnson County Health & Environment
- SMSD Wellness Coordinator + Health Resources Specialist
  - Roeland Park + Roesland Elementary | Bike to School
  - Trailwood | Walkability study
  - Corinth | Walking Wednesdays
- School Gardens + KC Healthy Kids
- Johnson County Food Policy Council



# Collaboration with community partners to support district initiatives

- KDHE Green Schools grants | \$42,462.50 | 11 schools
- Johnson County Stipends | 26 schools
- Partners | PTA, Municipal Governments, Stakeholders

What can we do together?

Thank you

