

## ENVIRONMENTAL STEWARDSHIP ADVISORY COMMITTEE

May 23, 2018





#### 3 required: parent, employee, community member

#### Responsibilities:

- •Plan direction and priorities for ESAC (with staff)
- Develop ESAC meeting agendas (with staff)
- •Establish subcommittees (with staff)
- •Lead all non-subcommittee ESAC meetings and enforce parliamentary procedures (subcommittee chairs lead their respective meetings).
- •Represent the ESAC and sign on behalf of ESAC
- Perform other ESAC-related responsibilities as requested by Superintendent or ESAC staff coordinators







## Community Member:







# Community Member: Mary Priddy







## AISD Employee:







# AISD Employee: Dr. Sherry Lepine



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#### **ESAC AWARDS**







## AISD SUSTAINABILITY UPDATES

DARIEN CLARY





EARTH WEEK APRIL 16-20

Winner



**Green Meme Contest:** Meme must be informative and spark a behavior that supports sustainability



#### AISD Sustainability

An organized approach for the school district, the city, and partner organizations to build a culture of environmental awareness and action together while enhancing educational outcomes for our most precious resource and future leaders: our students.

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Sustainability 

#### **AISD Sustainability:**

An organized approach for the school district, the city, and partner organizations to build a culture of environmental awareness and action together while enhancing educational outcomes for our most precious resource: our students.





#### Austin ISD Sustainability Plan

To support the aforementioned 2010 Resolution and 2011 Sustainability Policy, the Environmental

Stewardship Advisory Committee helped identify strategies to include in the Austin ISD Sustainability Plan, which coincides with the advisory committee's vision "to utilize a systemic approach to inspire our students to become stewards of the environment, resulting in improved student learning and academic achievement." Appendix 1 outlines the unifying themes identified in the 2016 AISD Sustainability community visioning session, and Appendix 2 highlights the milestones achieved by the ESAC in the development of the plan. The ESAC created several working groups to undertake the detailed work required to develop the sections of the plan, including Energy & Water, Waste & Procurement, Transportation & Air Quality, and Food & Nature. Members were challenged to identify strategies for each action area that addressed Teaching & Learning, Infrastructure & Operations, and Community Engagement. To help prioritize, each strategy was evaluated according to cost, impact, and effort. Indicating whether a strategy was not started, in progress or complete revealed that a handful of strategies were already underway. This information helps not only with planning, but in serving as a quick reference for teachers, district administrators, and community groups to know which initiatives are taking place across the District. Public input at community meetings has also added another layer of information about what the larger community would like to see regarding district sustainability initiatives (see "Community Engagement" section, below). Figure 2 shows the organizational structure of both the Sustainability Plan and the ESAC. Consistency in the two structures facilitates implementation, for each subcommittee is responsible for aiding in implementation, updating the AISD Sustainability Plan Tracking Database as progress is made, and integrating new strategies as opportunities arise.

Figure 2.

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Austin ISD Environmental Stewardship Advisory Committee & Sustainability Plan Organization







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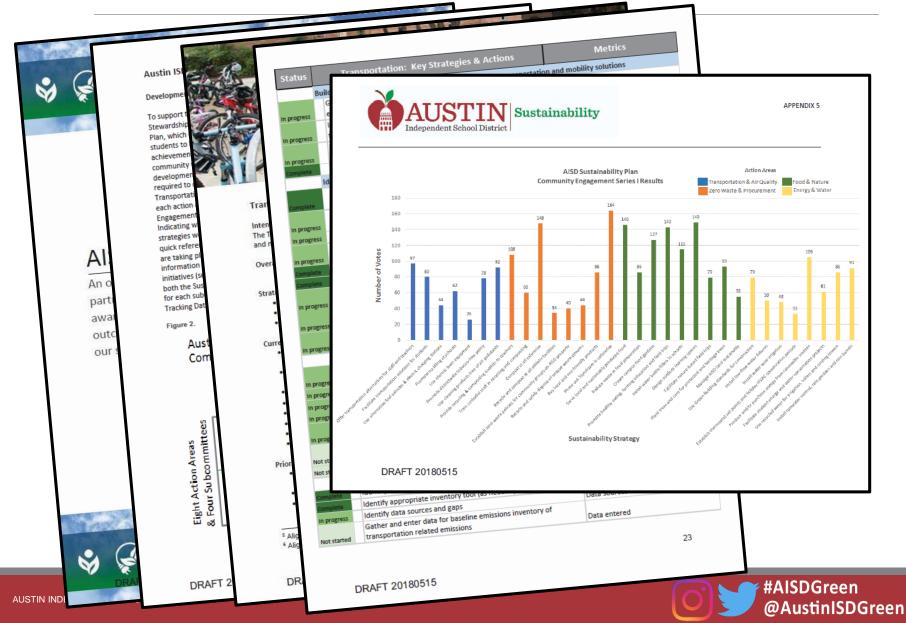
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As of Spring 2018, over 100 strategies are underway to make Austin ISD and our community a more sustainable place.



AUSTIN





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Austin ISD has embraced sustainability as a driving force behind its mission to provide a comprehensive educational experience that is high quality, challenging, and inspires students to make a positive contribution to society. Sustainability is a channel through which Austin ISD will reinvent the urban school experience.

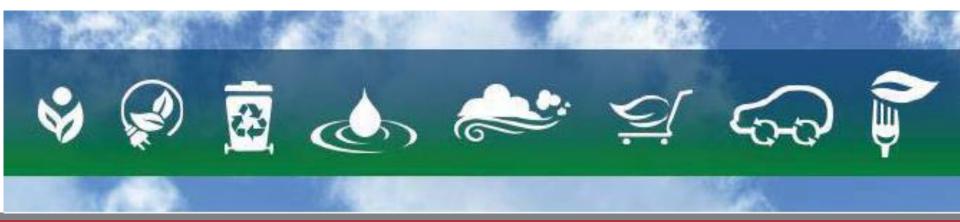






Next Steps:

- Written update to Board of Trustees
- Feedback over summer
- Post final version on AISD Sustainability Website







#### ESAC RECOGNITION

#### May 21, 2018 AISD Board Meeting





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### **ESAC** Recognition











## SUSTAINABILITY ACTION AREA UPDATES

SUBCOMMITTEE LEADERS





## SUSTAINABILITY ACTION AREA UPDATES: ENERGY & WATER

RICHARD SHEARMAN

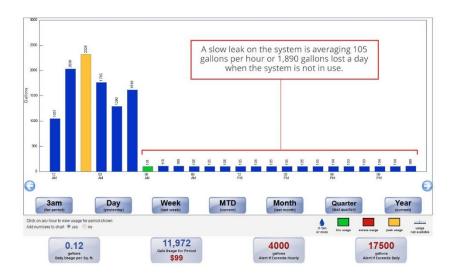




#### ENERGY AND WATER

 Installed first real-time water monitoring system at Paredes Middle School on Monday 21<sup>st</sup> May. Live data should be available Friday 25<sup>th</sup>.









#### ENERGY AND WATER

 AISD Performing Arts Center won an Excellence in Water Conservation Award at AW's annual awards ceremony on April 27.







#### ENERGY AND WATER

Plans for coming months:

- Participate in Austin Energy Load Coop program
- Summer efficiency schedules
- Seven schools being considered for EV charging stations
  - Austin HS, Bowie HS, Lanier HS, Travis HS, Dobie MS, Kealing MS, Linder ES
- New solar arrays nearing completion

(Boone 99kW, Paredes 296kW)





## SUSTAINABILITY ACTION AREA UPDATES: WASTE & PROCUREMENT

Amanda Mortl





#### ZERO WASTE AND PROCUREMENT 11/17

Accomplishments:

- Zero waste event guidelines
- Training for Custodial Staff at Annual In-service Day
- Waste Optimization Study
- Part time staff member
- Voluntary program for schools to improve composting and recycling in common areas (CAPGOG Bin Grant)



Eastside Memorial students pick up litter around their school



Austin HS Global Studies upcycling fundraiser





#### ZERO WASTE AND PROCUREMENT NOV 17

#### In progress:

- Composting services to remaining 26 schools
- Zero waste Station setup guide, downloadable signs
- Zero waste curriculum to classroom
- Student leadership through zero waste projects

#### Next steps:

- Recycling and compost in all athletic facilities
- Protocol for recycling and safe disposal of unique waste streams



Eastside Memorial ECHS Teacher shows off her hallway's zero waste station to support their school's Breakfast in the Classroom program





#### ZERO WASTE AND PROCUREMENT **JAN 2018**

#### News:

- Implemented compost at Austin HS, 25 more to go!
  - Students produced video, webpage, advisory lesson, PSAs, and electronic volunteer sign-up
- Image library for schools developing
- Zero Waste Toolkit available
  - Example PSAs 0
  - Bin request form 0
  - Sorting slideshows in English & Spanish 0
  - Sorting signage 0
- TDS Waste Optimization Report identified schools with
  - >16 cy landfill pick-ups/week (27 ES, 17 MS) 0
  - >30% population loss since 2013 (7 ES/PS) 0

#### Next steps:

Update Campus Zero Waste Guide, and post it in AISD's Zero Waste Toolkit









#### ZERO WASTE AND PROCUREMENT MAR 2018







AUSTIN INDEPENDENT SCHOOL DISTRICT



#### ZERO WASTE AND PROCUREMENT MAR 2018

- 2/19 Discussion with Anita M. Procurement dept on purchases
  - No system for disposal of light bulbs or toner/ink cartridges
- 2/27 Family night as Gus Garcia for sustainability survey results
- Found source for 4-gallon buckets





#### ZERO WASTE AND PROCUREMENT MAY 2018

- Lunch composting has been implemented at 103 of 116 sites
  - 81 elementary schools
  - 19 of 22 middle schools
  - 3 of 13 high schools
- 5 implementations planned for Summer
- 8 implementations planned for Fall 2018
- 5 schools committed to Breakfast in the Classroom composting pilot for fall 2018
- 1 School implemented composting pilot in bathrooms









#### ZERO WASTE AND PROCUREMENT MAY 2018

Upcoming:

• Zero Waste Training for Teachers July 18th

**Priorities:** 

- Securing funding to extend Zero Waste Specialist position for Fall 2018 and beyond:
  - to complete cafeteria compost implementation
  - for reevaluating Universal Waste disposal standard operating procedures
  - to implement dumpster pick-up optimization study
  - to support >90% landfill diversion by 2040



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## SUSTAINABILITY ACTION AREA UPDATES: TRANSPORTATION & AIR QUALITY

**ROB BOROWSKI** 





## SUSTAINABILITY ACTION AREA **UPDATES:** FOOD & NATURE

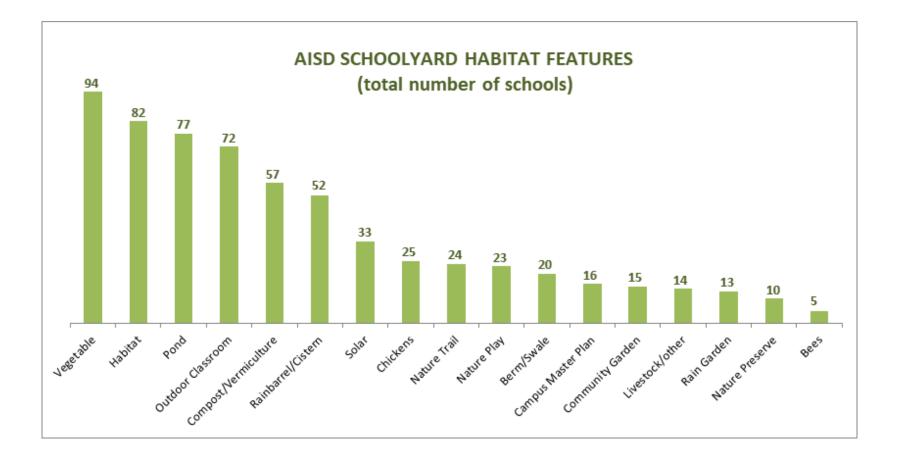
ANNE MULLER





AUSTIN INDEPENDENT SCHOOL DISTRICT

#### NATURE







## SUSTAINABILITY ACTION AREA UPDATES: COMMUNITY ENGAGEMENT

DARIEN CLARY





### COMMUNITY ENGAGEMENT

**Goal:** to garner input for and build public will, interest, and awareness of the Sustainability Plan

Methods: affinity voting on strategies displayed via posters at events. Posters feature English and Spanish. Each ESAC subcommittee conduct process at a minimum of 2 events.

- Participants mark the 6 strategies that are important to them.
- Post-its also provided for participants to contribute new suggestions.

## Sostenibilidad en el Austin ISD



#### Mobility & Transportation Movilidad y transporte

- M1. Offer transportation alternatives for staff and teachers (public transport, work from home, carpool, etc.). / M1. Offecer alternativas de transporte para el personal y los maestros (transporte público, trabajar desde casa, compartir el vehículo, etc.)
- M2. Facilitate transportation solutions for students (walk, bike, carpool, etc.). / M2. Facilitar soluciones de transporte para los estudiantes (caminar, montar bicicleta, compartir el vehículo, etc.)
- M3. Use alternative fuel vehicles & electric charging stations / M3. Usar vehículos de combustible alternativo y carga eléctrica.



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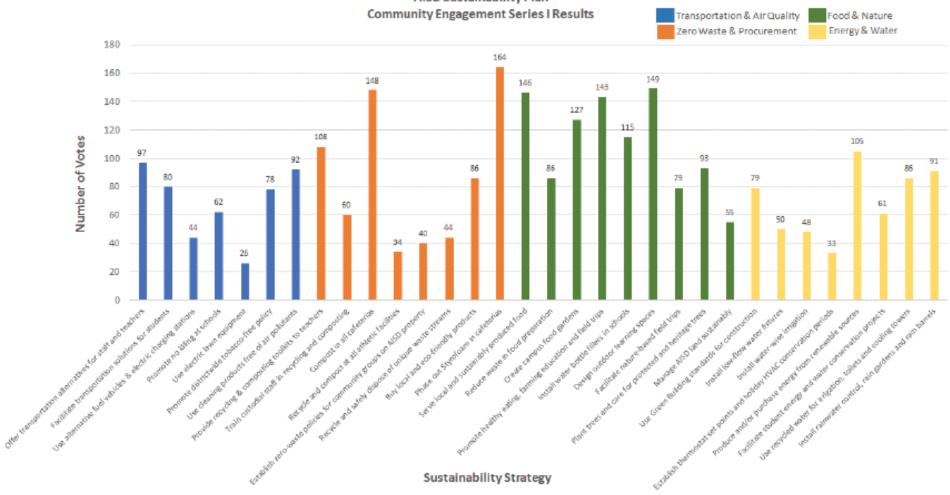
### COMMUNITY ENGAGEMENT

#### Results

- 9 events in the followingAISD Districts: 1, 2, 3, 5, 6,and 7
- —~400 respondents participated
- Respondents represented:
  - all 7 AISD Districts
  - students, teachers,
     AISD administration,
     and parents
- The types of events included: Science Fest, Family Nights, PTA meetings, teacher trainings, public gatherings, and AISD's Superintendent Student Roundtable

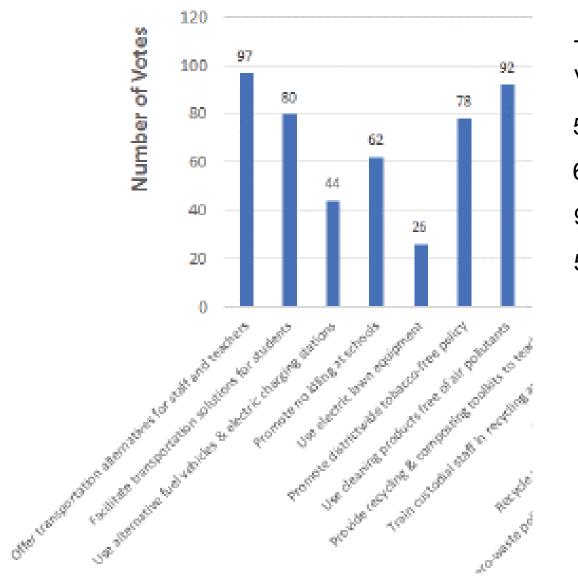






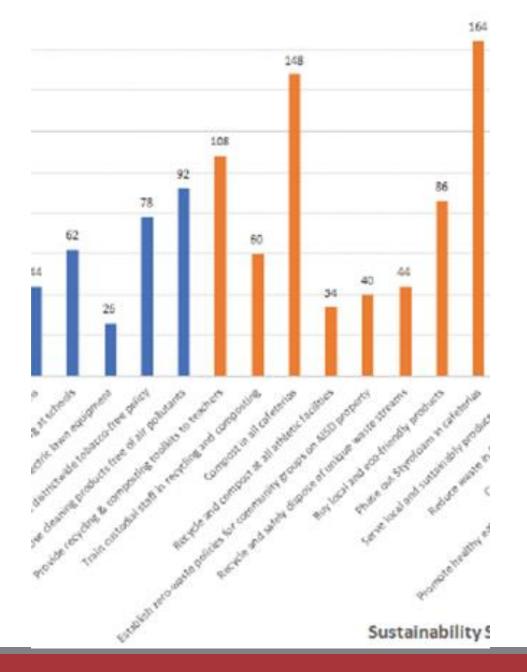


Action Areas



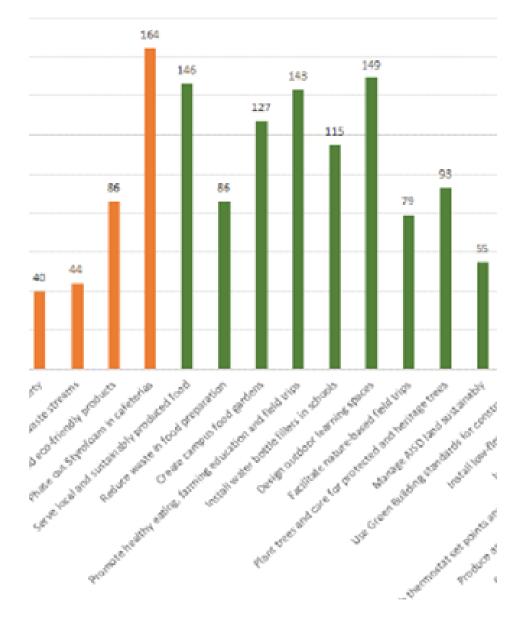






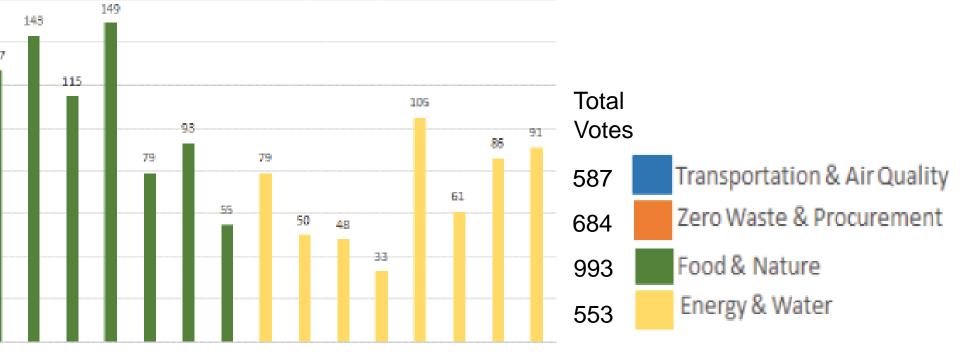


















# THANK YOU for all you do to help AISD be green!

