

# ENVIRONMENTAL STEWARDSHIP ADVISORY COMMITTEE

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SEPTEMBER 27, 2017



# STRATEGIC PLANNING MEETING

**September 8, 2017**

9am-12pm

ESAC Co-chairs and Subcommittee Leaders

## **Topics**

ESAC priorities for FY17-18

- Sustainability Plan Implementation
- Equity
- Engagement (Schools/ESAC/Sustainability Plan)

Meetings & Operations

# AISD SUSTAINABILITY UPDATES

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DARIEN CLARY

AISD SUSTAINABILITY MANAGER



# SUSTAINABILITY IN AISD PLANNING

## Project Development Manual for Construction: Section IV Energy & Sustainability

This combination of documents is for use by the design professional in development of project design, including material and system preferences, and completion of the contract documents for construction.

### Table of Contents

- Section I – Design Standards
- Section II – AISD Master Guide Specifications
- Section III – Details
- Section IV – Energy and Sustainability**
- Section V – Land Development Standards Agreement.

*AISD Project Development Manual* *Revision 44-July 5, 2017*

### **Section IV – Energy and Sustainability**

#### **EWAS Procedures**

1. EWAS LETTER
2. EWAS TASKS & PROCEDURES
3. SUSTAINABILITY SCORECARD & REFERENCE
4. ENERGY STANDARD
5. EWAS TRACKING MATRIX
6. DESIGN REVIEW FORM
7. BASIS OF DESIGN
8. SUBMITTAL COVER SHEET

#### **GREEN BUILDING RESOURCE PACKET**

1. AISD IAQ TESTING MAXIMUM CONTAMINANTS TABLE
2. AISD LIGHT POLLUTION REDUCTION REF. STANDARDS
3. AISD INDOOR WATER USE CALCULATOR
4. IRRIGATION WATER CALCULATOR
5. AISD SUSTAINABLY SOURCED MATERIALS CALCULATOR
6. AISD FTE WORKSHEET
7. AISD PROCESS WATER MATRIX & STANDARDS
8. AISD MATERIALS GREEN SHEET



# SUSTAINABILITY IN AISD PLANNING

## 2010 Resolution & 2011 Environmental Sustainability Policy

Resolution in Support of Environmental Stewardship  
Envisioning Committee Recommendations  
April 26, 2010  
Page 1 of 3

RESOLUTION

WHEREAS, Austin Independent School District schools have the potential to make positive, tangible environmental change in the world while teaching students to be stewards of the local and global communities, the earth and its resources;

WHEREAS, the Austin Independent School District believes that when efforts, strategies and activities for the environment are utilized within the curriculum, as learning opportunities, including experiential applications of the TEKS concepts for science, students improve academically, and become better local and global citizens;

WHEREAS, the Austin Independent School District's Strategic Plan emphasizes using multiple and appropriate methods of communication and engagement to reach all stakeholders and every part of the community to gain meaningful input, participation, partnerships, and shared responsibilities for student success,

WHEREAS, environmental stewardship is a priority for the Austin Independent School District, reflecting the culture of the Austin community,

WHEREAS, the development and implementation of a systemic framework providing coordination of environmental efforts that improve student learning and the local environment, is essential for meeting the vision of environmental stewardship in AISD,

WHEREAS, the creation of the vision for environmental stewardship in the AISD community, must involve stakeholders representing students, teachers, administration, and parents of AISD, along with members of the local community, including government, higher education, business, industry and non-profit organizations,

Austin ISD  
227901

CL  
(LOCAL)

BUILDINGS, GROUNDS, AND EQUIPMENT MANAGEMENT

ENVIRONMENTAL SUSTAINABILITY POLICY

The Board has established this policy to enhance a Districtwide culture of sustainability. The purpose of this policy is to direct the District to further its effective environmental stewardship of resources through innovative, results-oriented, sustainability initiatives. "Sustainability" is defined as meeting the needs of the present without compromising the ability of future generations to meet their own needs.

The Board recognizes the profound impact that District activities have on the natural environment and on the health and well-being of students, employees, and the community. The Board embraces a commitment:

- To the responsible stewardship of energy, water, and other natural resources;
- To create healthy environments for teaching and learning; and
- To support sustainability as an economic, environmental, and social priority to be taught and practiced throughout the District.

GOALS

The District shall establish strategies and metrics to:

1. Encourage and support the efforts of students, teachers, and staff on individual campuses to implement environmental stewardship behaviors;
2. Further instruction of the environmental, social, and economic aspects of sustainability;
3. Design, construct, and operate high-performance schools and other facilities that are sensitive to natural resource use; conserve energy and water; reduce pollution and waste; promote responsible land development; and deliver a high-quality indoor environment ensuring access to fresh air and daylight;
4. Optimize use of energy and water in performance of facilities and to adopt energy- and water-efficient operations and maintenance protocols;
5. Procure materials, products, and services in a manner that integrates fiscal responsibility and community and environmental stewardship;
6. Reduce waste disposal in landfills by means of source reduction, reuse, recycling, and composting;



# SUSTAINABILITY IN AISD PLANNING

## Facilities Master Plan:

### Environmental Stewardship & Sustainability as a guiding principle

A long-range, comprehensive FMP outlines the current status and future use of district facilities. It will guide the development of future capital improvements and support planning for future bond elections.

The FMP identifies the Ed Specs as one of the primary strategies for addressing facility needs of the District.

#### Guiding Principles & Planning Strategies

##### Guiding Principles

The following principles were formulated by the Board of Trustees of the Austin Independent School District to shape the development of a Facility Master Plan for the District. Drafted in August and September 2013, and approved at the Board's regular meeting on September 30, 2013, these guiding principles will be used in the development of a Facility Master Plan, which, according to a resolution approved by the Board on April 1, 2013, "shall include specific plans and/or remedies to address under-enrollment within the District in order to optimize the use of District facilities as defined by a facility's permanent capacity by the opening of the 2016/17 school year."

**All of the following guiding principles are deemed important by the Board.**

##### Guiding Principle

##### **Environmental Stewardship and Sustainability**

- ▼ The Facility Master Plan will be developed to support and protect the environment and strengthen academics through the use of sustainable and conservation-focused practices for its buildings, grounds and equipment. The plan will be informed by best practices in daily operations of facilities and equipment using green energy, energy efficiency, resource recovery, water conservation, waste minimization and sustainable building practices.



# SUSTAINABILITY IN AISD PLANNING

## Educational Specifications (Ed Specs)

*Currently under revision*

Ed Specs outline the district's new facility standards for current educational programs and support areas, including space requirements (square footage and spatial relationships), equipment and technology needs, and any special features needed on school campuses.

Under consideration:

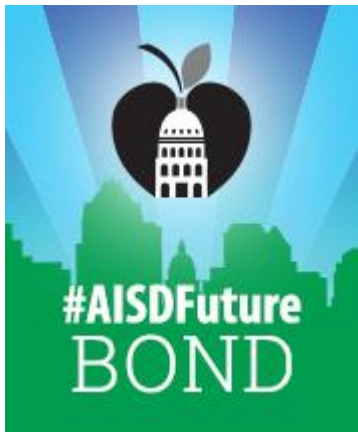
### **Measures of Success for Learning Principles**

Facilities will offer safe, accessible quality space that is connected to the outdoors through operable windows, access to views and natural daylight, and access to outdoor learning environments.





# SUSTAINABILITY IN AISD PLANNING



**Community Feedback:  
Engage, Communicate,  
Update, Advance**

Community feedback is important as the district begins a long-range planning process, which includes potential future bond programs that will serve the community.

5:30–7:30 p.m., come-and-go format, with presentations at 5:45 p.m. and at 6:45 p.m.

Oct. 3—Austin High School cafeteria

Oct. 5—Crockett ECHS cafeteria

Oct. 10—LBJ ECHS cafeteria

Oct. 12—Reagan ECHS cafeteria

Oct. 17—Rosedale cafeteria

11 a.m.–1 p.m. on Saturday, with presentations at 11:15 a.m. and 12:15 p.m.

Oct. 21 (Saturday) —Austin ISD CAC Board Room

Email me your sustainability-related questions for the presenters: [darien.clary@austinisd.org](mailto:darien.clary@austinisd.org)





# PARTNERSHIPS FOR REUSE



800+ Binders



100 Student Combo Desks



48 Office Chairs



*austin*  
**materials marketplace**

sustainable  
**ACC**



# STUDENT ENGAGEMENT

EcoRise LEED Prep Curriculum

- Piloting with AISD CTE classes for 17-18 school year

The graphic features a light green background with a photograph of a modern building's wooden roof structure. At the top left is the LEED Prep logo, which includes a circular icon with a building and the text 'LEED® Prep' and 'Green Building Lessons for a Sustainable Future'. At the bottom, there are four logos: 'ecoRise YOUTH INNOVATIONS' with a colorful leaf icon, the 'USGBC' logo, 'EDUCATION PARTNER' in a grey box, and 'LEED GREEN ASSOCIATE Exam Preparation' in a green box.



# GREEN POWER AWARDS



## Green Power Partnership Top 30 K-12 Schools

Released on July 24, 2017



The Top 30 K-12 Schools list represents the largest green power users among K-12 school partners within the Green Power Partnership. The combined green power use of these organizations amounts to nearly 120 million kilowatt-hours of green power annually, which is equivalent to the electricity use of more than 11,000 average American homes each year.

Partner Name	Annual Green Power Usage (kWh)	GP % of Total Electricity Use*	Providers (listed in descending order by kWh supplied to Partner)		
1. <a href="#">Austin (TX) Independent School District</a>	19,860,000	14%	Austin Energy <sup>o</sup>	Wind	TX
2. <a href="#">Tucson Unified School District</a>	19,637,703	20%	On-site Generation	Solar	AZ
3. <a href="#">Harmony Public Schools</a>	17,363,410	100%	Green Mountain Energy	Wind	TX
4. <a href="#">Amphitheater Public Schools</a>	16,685,180	67%	On-site Generation	Solar	AZ
5. <a href="#">Arlington County Public Schools</a>	5,342,483	10%	Dominion Virginia Power <sup>o</sup> , On-site Generation	Solar, Wind	VA
6. <a href="#">E.L. Haynes</a>	3,922,493	100%	Direct Energy <sup>o</sup>	Various	DC

# AISSD #1 in the nation!

...and #25 in the nation among Local Governments – but the only school district in that category!

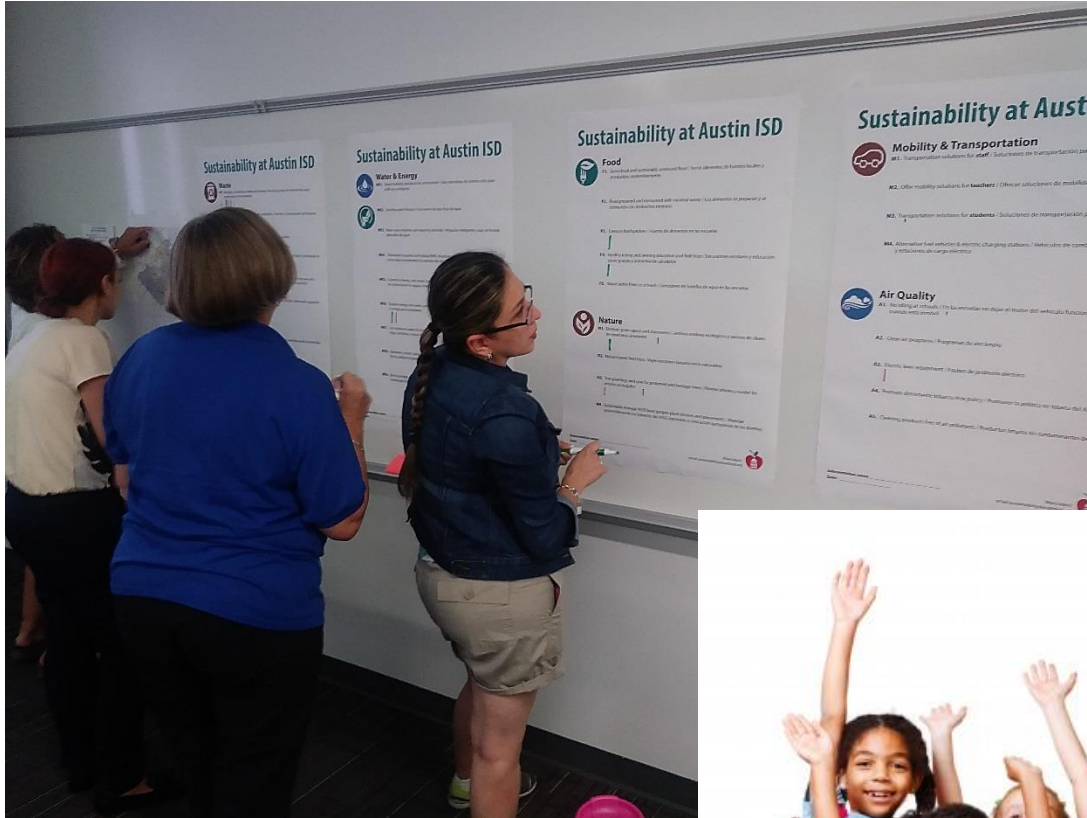


# SUSTAINABILITY PLAN





# ENGAGEMENT





# SUBCOMMITTEE TIME!

- If needed, determine subcommittee leader(s)
- Determine subcommittee meeting dates
- Determine AISD Bond Presentation date- if interested
- Identify strategies or actions that you would like to work on as a subcommittee. Update the ESAC on your progress at the next meeting.



Mark your Calendar! **FY17-18 Meeting Dates:**  
5:30-7:30pm, Board Auditorium, Carruth  
Administration Center, 1111 W. 6th

September 27, 2017  
November 29, 2017  
January 24, 2018  
March 21, 2018  
May 23, 2018





# 2017 BOND PROGRAM



## Austin ISD 2017 Bond Open Houses

Please join Austin ISD for a series of open houses to learn more about the 2017 Bond and how it could affect each campus and facility. The bond open houses will include general bond overview information and specific details about school and district-wide projects. The series of 13 bond open house meetings will focus on every vertical team, including a meeting dedicated to special campuses in addition to a district-wide meeting. Open houses are geographically convenient and not geographically exclusive; all are welcome at every meeting and information about all Austin ISD schools and facilities will be available. All meetings will offer simultaneous Spanish language presentations. Childcare and light refreshments will be provided at all meetings.

Open house meetings in the evening will begin at 5:30 p.m. and conclude at 7:30 p.m. and are designed in a come-and-go format, with presentations offered at 5:45 p.m. and at 6:45 p.m. The districtwide open house hosted on Saturday, October 21st will begin at 11:00 a.m. and conclude at 1:00 p.m., with presentations offered at 11:15 a.m. and 12:15 p.m. **The open house schedule is as follows:**

- Thursday, September 7th – Akins High School cafeteria
- Tuesday, September 12th – Anderson High School cafeteria
- Thursday, September 14th – Bowie High School cafeteria
- Tuesday, September 19th – Eastside Memorial ECHS cafeteria
- Thursday, September 21st – Lanier ECHS cafeteria
- Tuesday, September 26th – McCallum High School cafeteria
- Thursday, September 28th – Travis ECHS cafeteria
- Tuesday, October 3rd – Austin High School cafeteria
- Thursday, October 5th – Crockett ECHS cafeteria
- Tuesday, October 10th – LBJ ECHS cafeteria
- Thursday, October 12th – Reagan ECHS cafeteria
- Tuesday, October 17th – Rosedale cafeteria (meeting for special campuses)
- Saturday, October 21st – Austin ISD Carruth Administration Center (CAC) Board Room **Districtwide meeting\***

**\*Interpretation offered in the following languages: American Sign Language, Arabic, Vietnamese, and Mandarin Chinese**

**\*Presentations 11:15 a.m. & 12:15 p.m.**

Reasonable accommodations will be provided upon request. Please provide notice at least two days in advance. Contact Celso Baez, III at (512) 414-9595 or by email at: [celso.baez@austinisd.org](mailto:celso.baez@austinisd.org) for more information or to request informational materials in another format.

A reminder that early voting is Oct. 23–Nov. 3 and Election Day is Nov. 7.



# *AISD Performing Arts Center Green Building Celebration*

**10-11:30 a.m. | Oct. 12**

PAC Lobby, 1500 Barbara Jordan Blvd.

You are cordially invited to join Austin ISD as we celebrate the Performing Arts Center LEED Gold rating from the U.S. Green Building Council and 5-Star rating from Austin Energy Green Building. The event will include a tour and light refreshments.

*10 a.m. Refreshments and performance by McCallum High School Jazz Band*

*10:30 a.m. Ceremony*

*11 a.m. Green Building tour*

Click here to RSVP, or  
contact Darien Clary at  
512-414-3042.



AUSTIN ENERGY  
GREEN BUILDING



# URBAN FOREST GRANT

[austintexas.gov/URFG](http://austintexas.gov/URFG)

Projects must benefit Austin's urban forest. Funding is flexible, amounts are awarded based on project need, and applications open to individuals, youth groups, non-profits, etc. Apply now!





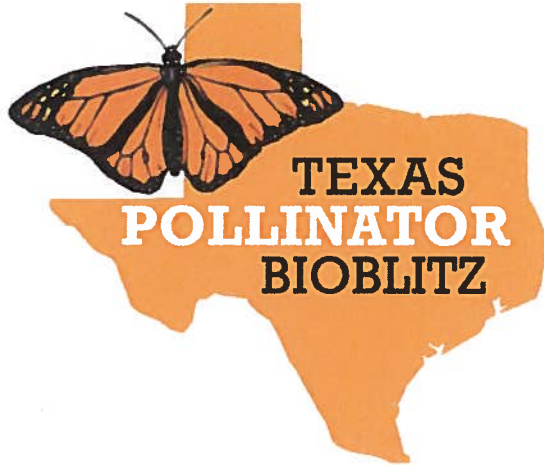
**Development** CITY OF AUSTIN  
SERVICES DEPARTMENT

*Building A Better Austin Together*

# URBAN FOREST GRANT

GRANT FUNDS AVAILABLE  
FOR TREE PROJECTS IN AUSTIN  
ROLLING DEADLINES

Apply Now at [AustinTexas.gov/ufgp](https://austintexas.gov/ufgp)



# Texas Pollinator BioBlitz

Join the fun! #TXPollinators

From September 23 – October 8, 2017 we're celebrating the bees, butterflies, moths, beetles, birds and other animals that are critical to our native plants and food supply with our 2<sup>nd</sup> Annual Texas Pollinator BioBlitz. Discover, take pictures and learn how you can help. No experience required. Free and fun for all ages!

- **Daily Challenges:** Register to receive daily emails September 23 – October 8 with ideas for taking photos and making observations of pollinator-related scenes. [www.tpwd.texas.gov/pollinators/](http://www.tpwd.texas.gov/pollinators/)
- **Instagram and Facebook:** Post the images or short videos (3-60 seconds) you take each day to your Instagram and/or Facebook account and tag each photo with #TXPollinators.
- **iNaturalist:** Take your observations a step further - post your images to the Texas Pollinator BioBlitz project, contributing to citizen science data collection.

## Participating Partners:



# GREEN YOUR SCHOOLYARD!



## LEARN HOW TO START, MAINTAIN & TEACH:



Wildlife Habitat Gardens



Food Gardens



Water Collection



Outdoor Classrooms  
& Trails



Domesticated Animals



Pollinators

 *More info at:* [www.greeningyourschoolyard.com](http://www.greeningyourschoolyard.com)



OFFICE OF  
SUSTAINABILITY

CITY OF AUSTIN

**AUSTIN AREA**  
SCHOOL GARDEN COLLABORATIVE



CHILDREN IN NATURE  
COLLABORATIVE OF AUSTIN

*Sow the Seeds of McKinney*



*Friends of McKinney Falls Kickoff*

## **Come Join our Friends Group**

Members support the park by assisting with special events, daily operations, fundraising, and public education opportunities. If you are interested in helping us restart our Friends' Group and support McKinney Falls State Park then join us in "Sowing the Seeds" at the

***Dining Hall from 6pm-8pm on October 13, 2017.***

*There will be food, fun and information on becoming a valued supporter of the park.*

CHILDREN IN NATURE  
COLLABORATIVE OF AUSTIN

# Educator Celebration



## LADY BIRD JOHNSON WILDFLOWER CENTER

4801 La Crosse Avenue, Austin  
512.232.0100

**October 19, 2017 from 5:30-8:30pm**

Participate in hands-on activities you can take back to your own organizations and classrooms.

Stroll through the gardens while enjoying complimentary snacks and beer. Children welcome.



OCT 19<sup>TH</sup> 2017

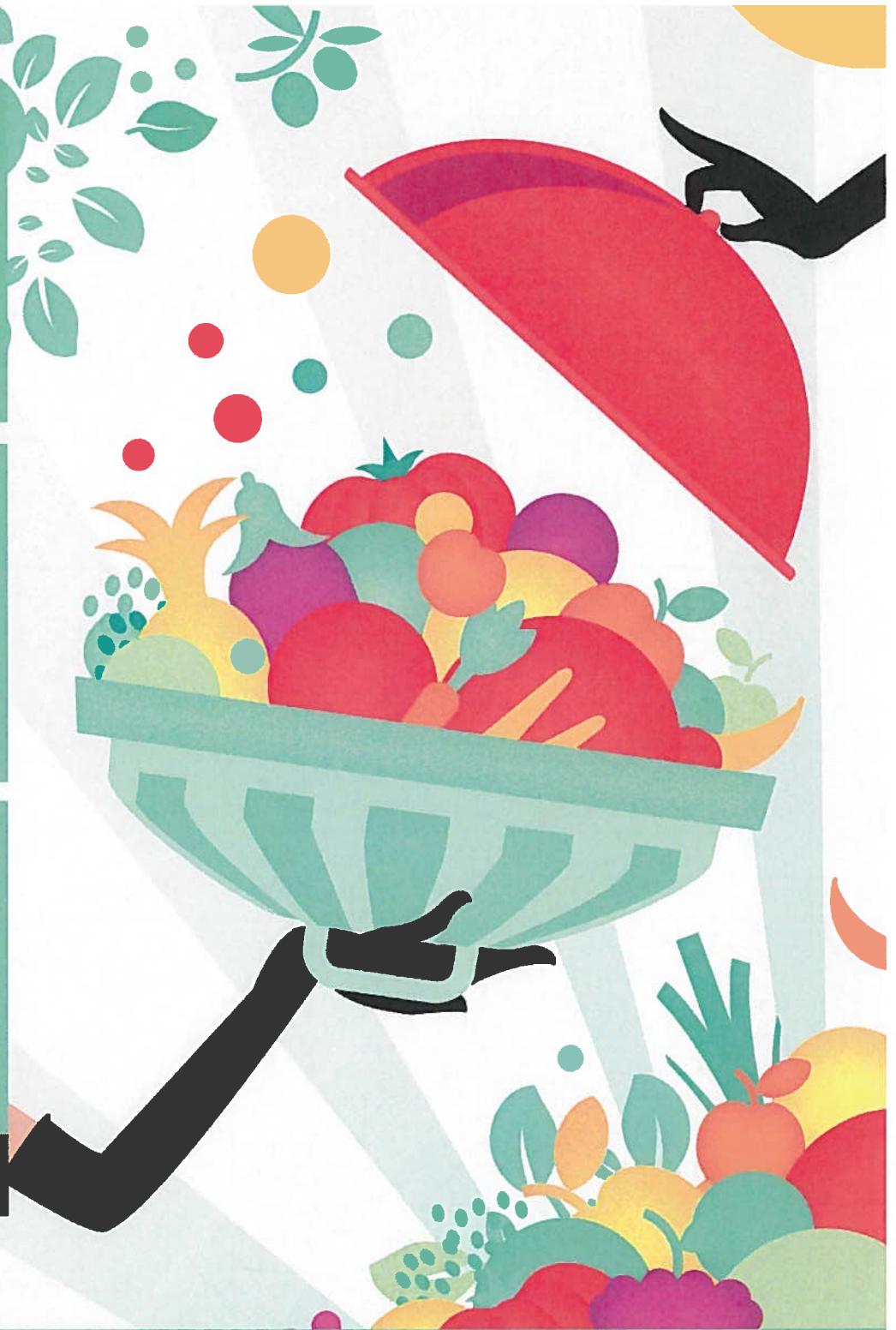
11-2PM

# FEEDING THE 5000

South Lawn of State Capitol

AUSTIN

 #F5KATX



JOIN US FOR A FREE LUNCH!

A FREE FEAST FOR THOUSANDS, MADE ENTIRELY FROM FRESH, TOP QUALITY PRODUCE THAT WOULD HAVE OTHERWISE BEEN WASTED

FIND OUT MORE : [AustinTexas.Gov/Feeding5K](http://AustinTexas.Gov/Feeding5K)

