



Future City – North Texas 2017-18 Orientation

Jean Eason

Regional Coordinator

www.dfwfuturecity.org



4 Orientation Webinars

- This presentation covers
 - Information specific to the 2017-18 program
 - Information specific to the North Texas region
- Orientation Basics
 - Covers basic information about FCC
 - Rules, procedures
 - Deliverables
- Orientation – Regional Competition Event
 - Process and procedures for competition day
- Orientation – Model slideshow
 - Pictures of models from regional and national competitions



Agenda

- Where to find answers
- New this year
 - Essay topic
 - Rules changes
- NTX Region 2017-18
 - Specific rules and guidelines
 - Resources
 - Timeline
 - Participating schools, organizations

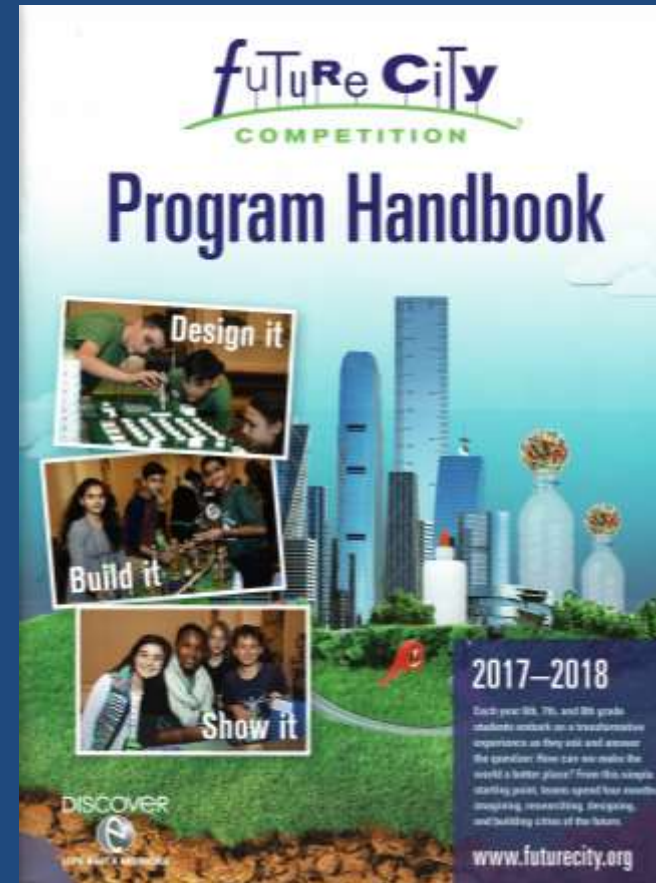


Where to Find the Answers



Program Handbook

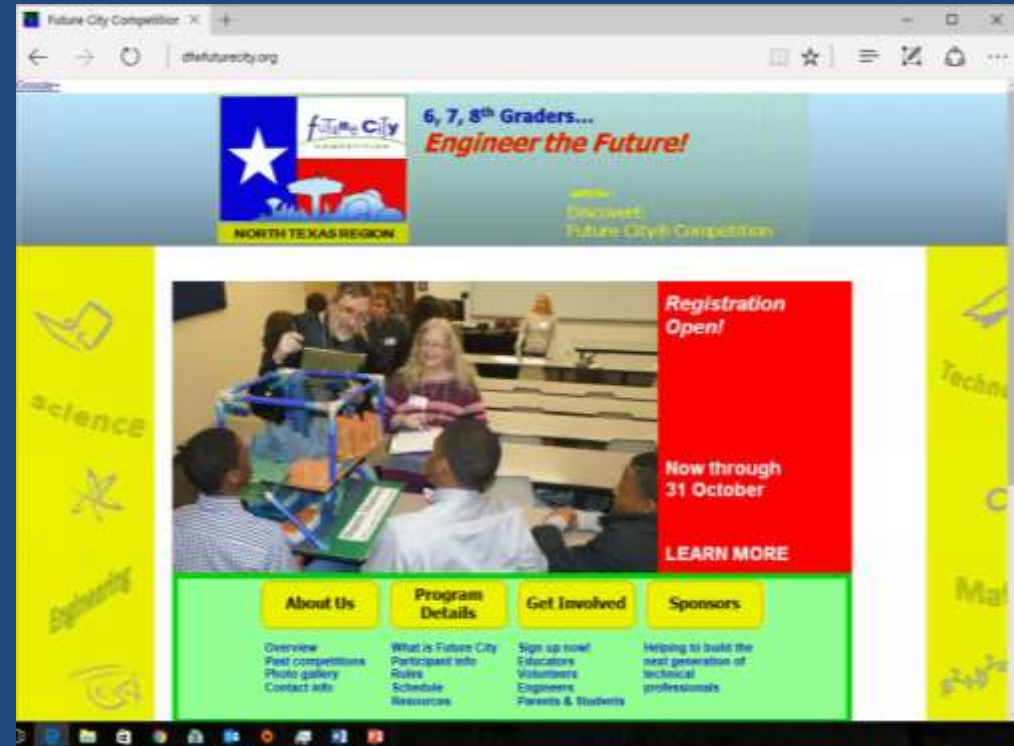
- Program Handbook
 - Rules
 - Teaching points
 - Background information
 - Rubrics
 - Forms
- Download from <http://futurecity.org>





Two Websites: NTX Region, National

- NTX Regional
www.dfwfuturecity.org
 - Region-specific info
 - Schedule, due dates
 - Local resources
 - Program updates





FC NTX Team Center

www.dfwfuturecity.org/teamcenter.html

- Team Center – *Bookmark it!*
- First stop for all local information
 - Schedule, rules
 - Program updates
 - Resources

6, 7, 8th Graders...
Engineer the Future!

About Us
Overview, History, Photos

Sponsors
Companies, Organizations, Individuals

Program Details
Schedules, Resources, Rules

Get Involved
Schools, Students, Engineers, Volunteers

Team Center

[Teacher Sign-In](#) [Mentor Sign-In](#)

This secure site will:

- Allow you to set up teams
 - Add and change members
- Allow you to upload deliverables
 - SimCity files and forms
 - Essays, Narratives and forms
- Automatically time-stamp deliverables
- Send acknowledgements for uploaded files
- Obtain detailed scoring reports

Updates

What's Different This Year

(Aug-13) Significant changes this year:

- You can use either SimCity 4 or the new SimCity game to build your virtual city. Select when you register.

Team Center

[Resources](#)

[NTX Schedule](#)

[NTX Rules](#)

[List of Schools](#)

[Team Center](#)

[Day-of Info](#)

Email Updates

Email Archive
Check back later for updates

Sign-up for Email Updates
Email updates for NTX Future City participants give you the latest information about the NTX program, including schedule, rules, deliverables, resources, and other need-to-know items. They are issued as necessary (about



FC NTX Team Center

www.dfwfuturecity.org/teamcenter.html

- Team Center – *Bookmark it!*
- First stop for all local information
 - **Schedule**, rules
 - Program updates
 - Resources

6, 7, 8th Graders... Engineer the Future!

ABOUT US
Overview, History, Photos

SPONSORS
Companies, Organizations, Individuals

PROGRAM DETAILS
Schedules, Resources, Rules

GET INVOLVED
Schools, Students, Engineers, Volunteers

Schedule Deadlines for 2017-18

Date	Task
Thru 21 Oct	Registration and fees Training Webinars (see UPDATES) for details)
TBA	Initial project planning. Learn the specifications and set goals.
Sep-Oct	Set Project Pign schedule. Begin collecting material and recyclables for model.
Oct-Nov	Develop initial city design. Test design using SimCity.
1 Dec	Virtual City slideshow due <ul style="list-style-type: none">• Upload file (.pdf) through the Team Center.• You will need to have created your teams before you can upload your slideshow.• Files received by deadline will avoid late penalties.• Late submissions are allowed - see below for dates and penalties.
Nov-Dec	Begin scale model design. Begin essay research.
Dec	Complete research and write essay.
18 Dec	City Essay (Essay) due <ul style="list-style-type: none">• Submit in electronic format - common word processing document format such as .doc, .docx, .pdf.• Upload files through the Team Center.• Files received by deadline will avoid late penalties.• Late submissions are allowed - see below for dates and penalties.
18 Dec	Last date for Virtual City slideshows. Files received by this date will have 5 points deducted.
Dec-Jan	Continue model design and construction. Plan presentation.
8 Jan	Last date for City Essay.

Team Center

- Resources
- NTX Schedule
- NTX Rules
- List of Schools
- Team Center
- Day-of Info



FC NTX Team Center

www.dfwfuturecity.org/teamcenter.html

- Team Center – *Bookmark it!*
- First stop for all local information
 - Schedule, rules
 - Program updates
 - **Resources**

6, 7, 8th Graders...
Engineer the Future!

About Us
Overview, History, Photos

Sponsors
Companies, Organizations, Individuals

Program Details
Schedules, Resources, Rules

Get Involved
Schools, Students, Engineers, Volunteers

Resources

1. [Manuals](#)
2. [Competition Forms](#)
3. [Letter to Parents](#)
4. [Orientation Workshop Materials](#)
5. [Mentor Information](#)
6. [SimCity Resources](#)
7. [Lessons Learned](#)
8. [List of Penalties](#)
9. **[Where to Learn More](#)**
about Essay Research, City Planning, Model Building, Engineering and more.

Team Center

[Resources](#)

[NTX Schedule](#)

[NTX Rules](#)

[List of Schools](#)

[Team Center](#)

[Day-of-Info](#)

Manuals

[www.dfwfuturecity.org/teamcenter.html](#)



Enrolling Teams in the Team Center

www.dfwfuturecity.org/teamcenter.html

- Team Center – *Bookmark it!*
 - First stop for all local information
 - Schedule, rules
 - Program updates
 - Resources
- Create and manage teams
 - Assign team members
 - Submit deliverables
 - Automatic confirmation of submission
 - Download team scores
 - Available after the competition

6, 7, 8th Graders...
Engineer the Future!

About Us
Overview, History, Photos

Sponsors
Companies, Organizations, Individuals

Program Details
Schedules, Resources, Rules

Get Involved
Schools, Students, Engineers, Volunteers

Team Center

Team Center

[Resources](#)

[NTX Schedule](#)

[Teacher Sign-In](#) [Mentor Sign-In](#)

https://www.dfwfuturecity.org/Teacher/teachers/home

future City COMPETITION

Teachers Home Page (closed - click to cancel) Edit Logout

Education Pages Team Information Score Overview

Welcome Back Amy Delaney!

Here is the list of the teams you have created. Use the "Edit Team" button to change the information for the team. Use the "Upload Files" button to submit files to be scored.

Team:	7th Grade	8th Grade
Mentor:	(Unassigned)	(Unassigned)
Virtual City	Due: Fri Dec 02, 2016	Due: Fri Dec 02, 2016
City Essay	Due: Mon Dec 19, 2016	Due: Mon Dec 19, 2016
Project Plan	Due: Mon Jan 16, 2017	Due: Mon Jan 16, 2017
Honor Statement	Due: Mon Jan 16, 2017	Due: Mon Jan 16, 2017
Expense Form	Due Date Not Set	Due Date Not Set
Media Waiver	Due: Fri Jan 27, 2017	Due: Fri Jan 27, 2017

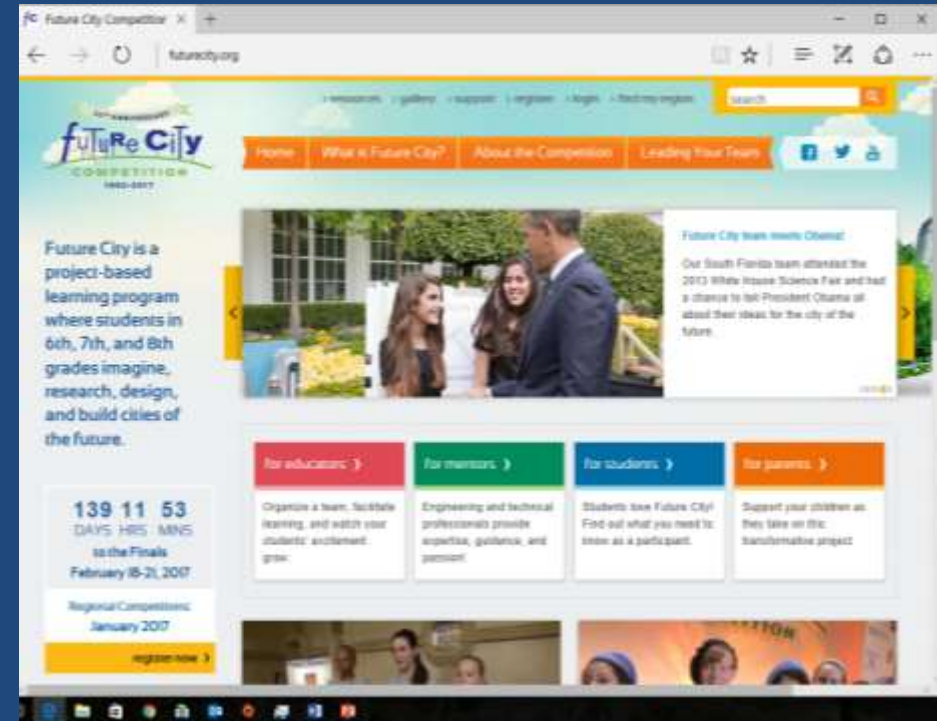
Copyright 2016 Summit Research, Inc. FC_TEACH 1.8.17.142



National Website

<http://futurecity.org>

- National website
 - Overall program info
 - Program description
 - General resources

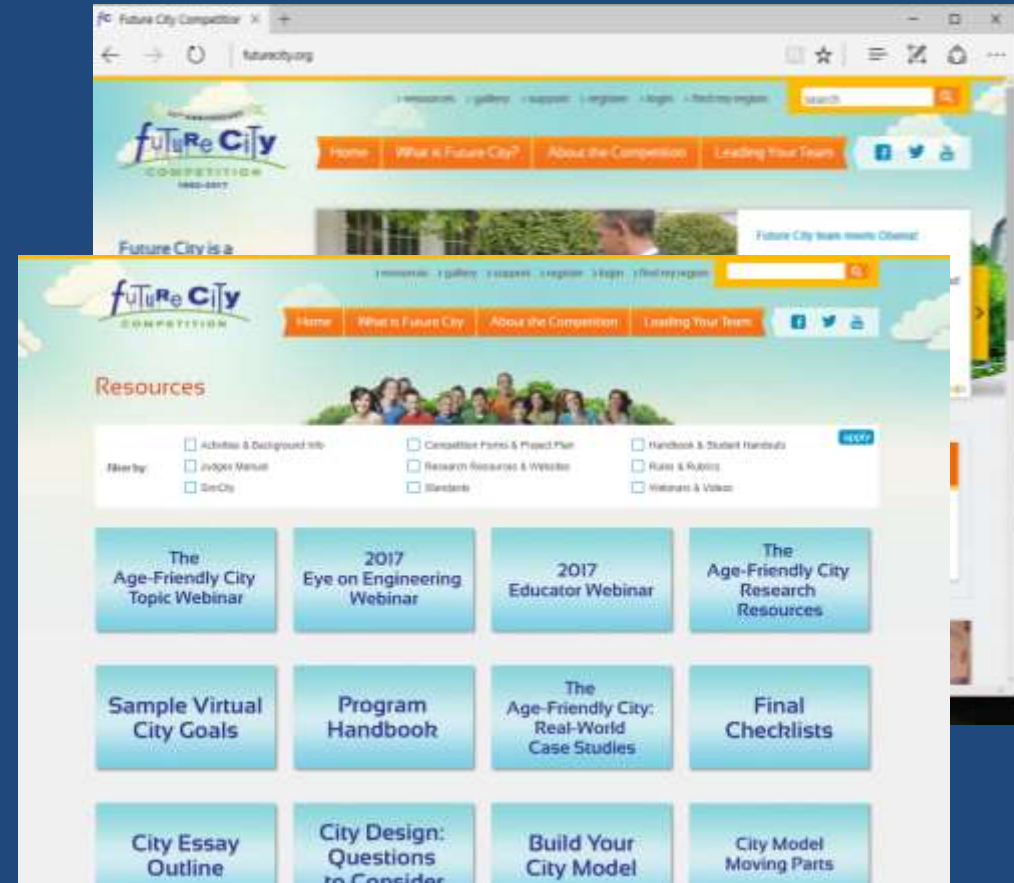




National Website

<http://futurecity.org>

- National website
 - Overall program info
 - Program description
 - General resources
 - Handbook
 - Forms
 - Rubrics
 - Activities





Online Resources

- NTX Team Center site
 - Manuals and forms
 - Letter to Parents
 - Orientation workshops
 - Mentor information
 - SimCity resources
 - Tips and How-tos
 - Lessons Learned
 - Where to learn more
 - City planning, project management
 - Essay
 - Models and presentations
- National website
 - Handbooks and forms
 - SimCity information
 - Download instructions
 - Activities
 - City planning activities
 - Team building
 - Model building and scale
 - Essay research resources
 - Rules, rubrics
 - Webinars
 - Essay topic
 - Engineering
 - Models and presentations



If you still can't find the answer ...

- Ask
 1. Region coordinator
regional@dfwfuturecity.org
 2. Region school coordinator
jfreer@gmail.com
 3. National program manager
info@futurecity.org



New This Year



What's Different This Year

- Very few changes this year
 - No changes in deliverables
 - No change in scoring
- Slight changes in Rules in Rubrics
- Theme: Age-Friendly Cities





Rules: Updates and Changes

- Anyone working with FC team (educator, mentor, advisor, etc.) may not be a judge
- Plagiarism on Essay will mean a score of 0
- All materials used for model, presentation, and special awards must be listed on the Expense Form and assigned a value. Donated and borrowed items are listed at fair-market value
- Values have been assigned for any 3-D printed items used in the Model or Presentation
- Visual aids – new size restrictions:
 - Poster boards: 24” x 36”
 - Flip charts: 25” x 30”



Research Essay

- 2017 Topic: “Age-Friendly Cities”
 - Identify challenges faced by older adults in cities today
 - Choose one challenge, the most important challenge
 - Develop two innovative solutions for future cities





City Essay Outline

- Introduction and overview
- City basics – description of the city
- Describe age related problems
 - Choose one that is most important to solve
- Develop two solutions
 - Innovative and futuristic
 - Engineering and technology involved
 - Benefits, tradeoffs
- Conclusion
 - Impact of age-friendly solutions



Deliverables

2017-18



Project Plan Deliverable

- Project Plan – 4 parts
 1. Set goals for the entire project
 2. Create a schedule
 3. Monitor progress periodically throughout project
 4. Reflect on team performance at end of project
- Project Plan (4 parts)
 - Single Word document file
- Submit through Team Center
- 10 points (not judged)
- **Due January 15**
 - Submissions from Jan 16-19, -5 points
 - Submissions after Jan 19, not accepted
- Resources
 - Team Center resources “Where to learn more”
 - Project management webinar



Virtual City Design Deliverable

- Virtual City slide show
 - Created with PowerPoint, Google Docs, Word, etc.
 - Compliant with template
- Submit through Team Center
- Scored on: testing and refining design, learning outcomes
- 48 points
- **Due December 1**
 - Submissions from Dec 2-Dec 19, - 5 points
 - Submissions after Dec 19, not accepted
- Resources
 - NTX Webinars: city planning, SimCity, VC slideshow
 - NTX SimCity tips
 - National: city planning activities



City Essay Deliverable

- Document (doc format)
- Upload through Team Center
- Scored on: creativity, how well you explore/explain the issues, use of new technologies, role of engineers, writing skills
- 60 points
- **Due December 19**
 - Submissions from Dec 20-Jan 8, -5 points
 - Submissions after Jan 8, not accepted
- Resources
 - National Webinar on Age-Friendly Cities
 - National Research resources
 - NTX examples of best essays



Physical Model Deliverable

- 3-D scale model of a section of your city
 - Must have a moving part and be self-powered
 - Cannot spend more than \$100 on materials
- Model ID card
 - City name, team member names, school/org name, Scale
- Scored on: creativity, realism, accuracy and scale, quality of workmanship
- 70 points
- **Due January 26-27**
 - Deliver to UT Arlington
- Resources
 - NTX Orientation model slideshow
 - NTX List of materials from top models
 - National model webinar and activities





Presentation Deliverable

- 5-7 minutes of presentation
 - 7 minutes maximum
 - Followed by 5-8 minutes of Q & A (total max time = 15 minutes)
- Scored on: technical knowledge, city design/features, innovation, teamwork
- 70 points
- **Due January 27**
 - At UT Arlington
- Resources
 - NTX presentation skills webinar
 - National video of NTX team in finals



Ethics, Roles and the Honor Statement

- Future City is an educational program
- Rules are designed to ensure a fair competition
- Students envision the city and do all the work
 - Design, simulation, research, writing, model building, presentation
- Adults provide guidance and advice
 - Should be present when teams work with tools, build models
- All team members sign and submit an Honor Statement
 - Everyone adheres to the rules
- **Due January 15**
 - Upload through the Team Center
 - Submissions from Jan 16-19, -1 point
 - Submissions after Jan 19, not accepted



Expense Form

- Cost of all materials for model plus presentation cannot exceed \$100
 - Recycled materials (plastic bottles, cans, boxes, etc.) = \$0
 - Used items (toys, building materials, etc.) = Fair market value*
 - Donated items and Borrowed items = Fair market value *
 - Purchased items should have Receipts
 - 3-D printed items priced per rules in handbook
- Document expenses on Expense Form
- **Due January 27**
 - Bring to UT Arlington with model

** Fair market value = garage sale or E-bay price*

North Texas Region

Summing Up



2017-18 Registered Groups

- Applied Learning Academy, Fort Worth
- Beckendorff Junior High, Katy
- Burkburnett Middle School, Burkburnett
- Carter Junior High, Arlington
- Dallas Academy, Dallas
- Fairfield Junior High, Fairfield
- Haltom Middle School, Fort Worth
- Harmony Sch of Innovation, Fort Worth
- Hill Country Middle School, Austin
- Holloway Middle School, Whitehouse
- Holy Cross Christian Acad, Burleson
- Homeschoolers Excel, Grapevine
- Hopkins Academy, Little Elm
- Irma Rangel YWLS, Dallas
- IW Evans Int School, Bonham
- JA Arthur Int School, Kennedale
- Kennedale Junior High, Kennedale
- Kerens Middle School, Kerens
- Lancaster Veterans Mem. Library
- Legacy Prep Charter Acad, Mesquite
- Manara STEM Academy, Arlington
- Pearson Middle School, Frisco
- Pflugerville MS, Pflugerville
- Pioneer Heritage MS, Frisco
- Rapoport Academy, Waco
- Redwater Middle School, Redwater
- SAIL Homeschool, Plano
- Sch for the Highly Gifted, Grand Prairie
- Schrade Middle School, Rowlett
- Scoggins Middle School, McKinney
- Snyder Junior High, Snyder
- Summer Creek Middle School, Crowley
- TCC Generation Hope, Fort Worth
- The Shoulders of Giants, Dallas
- Thrall Middle School, Thrall
- Utley Middle School, Rockwall
- Village Tech Schools, Cedar Hill
- Washington MS, El Dorado, AR
- West Ridge Middle School, Austin
- Westwood School, Dallas
- Wheat Middle School, Cleburne
- Young Women's Leadership Acad, Fort Worth

2017 North Texas Sponsors





Required Deliverables

1 Dec 19 Dec	Virtual City Slideshow <i>Last day for Slideshow *</i>	Upload to Team Center
19 Dec 8 Jan	City Essay <i>Last day for Essay *</i>	Upload to Team Center
15 Jan 19 Jan	Project Plan <i>Last day for Project Plan *</i>	Upload to Team Center
26 Jan	City Model	Bring to UTA
27 Jan	City Presentation	Bring to UTA

** Late submissions will have points deducted*



Required Forms

All forms available on Team Center Resources page

30 Nov	Home school affidavit	Mail to Regional Coord.
15 Jan	Honor Statement	Upload to Team Center
19 Jan	<i>Last day for Honor Statement *</i>	
15 Jan	Media Waiver Form	Upload or bring to UTA
26 Jan	Expense Form	Bring to UTA w/ model
26 Jan	Model ID card	Attach to model

** Late submissions will have points deducted*



Program Timeline

Oct 31	Registration deadline
Sep-Nov	<i>Students work on City Plan/Design and SimCity</i>
Dec 1	Virtual City slide show due
Oct-Dec	<i>Students begin essay research and writing</i>
Dec 19	City Description due
Dec-Jan	<i>Students work on model and presentation</i>
Jan 15	Project Plan due, Honor Statement due
Jan 26	Team check-in, deliver model to UTA
Jan 27	Competition at UT Arlington, Award ceremony
Feb	National Finals in Washington, DC



Special Note – Potential Conflicts

- Duke Talent Search SAT (7th grade)
 - Don't select the January test date!
 - Option: UTA is a test site (reduce travel time)
- UIL competitions
- Options for those with conflicts
 - Notify Regional Coordinator by 20 December
 - Limited number of late Prelim Round presentation times allocated on first-come, first-served basis
 - Arrange for other team members to handle Special Awards judging Q&A
- Note: there is a letter to parents on website (Team Center Resources)
 - Outlines FC program and dates



Lessons Learned

- Engineer-Mentor is necessary
- This project takes time
 - Educators – 30-40 hours
 - Mentors – 20-40 hours
 - Students
 - Design city – 18-20 hours
 - Build model – 40-60 hours
 - Essay, Narrative – 8 hours
 - Presentation – 7 hours
- Don't wait until January to start model and presentation pieces
 - Start collecting recyclable “building” materials now



Lessons Learned (cont'd)

- Keep parents informed
 - Letter to parents (sample on website)
- Winning teams are successful on all phases
- But, Penalties for late work won't kill your chances
 - All late penalties combined are less than 7% of total score
- Read the handbook and rules for N TX competition
- Educator and mentor act as advisors, not designers
- Consider bringing in topic-area experts



Regional Committee

Regional Coordinator

Judging Coordinator

Mentor Coordinator

Event Coordinator

Photos, Prizes

Special Awards

Public Relations

Facilities

Jean Eason

Richard Reppert

Tom Hunt

Jacquie White

Diane Collier

John Colotta, Tamara Cook

Katia Gomez

Dave Davis