

Final Round Model/Presentation Judges

Roger Booker, State Architect, State of Ohio
Dennis Decker, Division Administrator, Federal Highway Administration
Tim Foley, President and CEO, M-E Companies
Glenda La Rue,, P.E. - Director, Women in Engineering, Ohio State University
Paul Usinowicz, Ph.D., P.E., D.E.E., Research Leader, Battelle

2007 Board of Directors & Steering Committee

Lisa Huelskamp, Regional Coordinator & President	Westerville City Schools
Mark Glasper	Ohio REstaurant Association
Robert Foley	M-E Companies
Dan Fleisch	Wittenberg University
Carolyn Watkins	Ohio EPA
Dan Becker	URS Corporation
Joseph Bolzenius	Ohio Society of Professional Engineers
Dick Dieffenderfer	Ohio Department of Education
Heidi Hetzel-Evans	Ohio Department of Natural Resources
Joseph Glinksi	Federal Highway Administration
Richard Henry	Federal Highway Administration
Peter Macrae	TRIAD Architects
Ana Piquinela	M-E Companies
Gus Smithhisler	Ohio Department of Natural Resources
Jan Voelker	Ohio Department of Natural Resources (retired)
Peggy Panagopoulos-Flaherty	ITT Industries
Michael von Fahenstock	Battelle

Team Members and Competition Volunteers

Marie Barnett	Ohio EPA
Craig Charleston	City of Columbus, Division of Water
Carol Fallet	Fallet Photography Studio
Mark Farrell	Tech Resources
Ashley Fitzpatrick	Wright State University
Jeanette Fitzpatrick	River's Edge Pediatric
Mike Flaherty	PPG Industries
Jennifer Fullenkamp	Westerville City Schools
Dona Furrow	Montana State University
Alexandria Hall	North Union Middle School
Ben Herington	Harrington Building & Renovation
Corrin Hoegen	Ohio State University
Donna Huelskamp	Donna Huelskamp Photography
Gary Huelskamp	Donna Huelskamp Photography
Rickie Longfellow	Federal Highway Administration
Stu Moynihan	MORPS
Chris Nickell	TRIAD Architects
Jeff Riggs	WD Partners
Sabrina Riggs	Thompson Hine
Vicki Saunders	Ohio EPA
Bailey Smithhisler	Arts Impact Middle School
Adam Strader	American Electric Power
Leslie Strader	Mid Ohio Regional Planning Commission
Jonathon Telfer	AIAS-OSU
Anastasia White	Columbus State Community College
Aimée Zerla	Ohio Dept. of Development

Representatives from the 2006 Future City Competiton - Ohio Region Winners, Bexley Middle School's Nathaniel Pelz, Graham Horn, and Jesse Vogel.

2007 National Engineers Week

Future City Competition™

Ohio Region



... a future city using
SimCity™ software.



... a scale model
with moving parts.



... an essay on your
city design and a
specific engineering
topic.



... your vision with
other local teams.



January 20, 2007
COSI • Columbus, Ohio



Sponsors



The 2007 Future City Competition - Ohio Region
is made possible in part by the Ford Motor Company.

Battelle

The Business of Innovation

The 2007 Future City Competition - Ohio Region
is also made possible with additional support from the Battelle Memorial Institute.



The 2007 Future City Competition - Ohio Region
would like to thank its host Organization,
M-E Companies



Additional competition support provided by
Cord Camera.

Schedule of Events

- 7:00 a.m. - 7:30 a.m. **Judges Registration** *In Main Lobby*
(All judges are to report to Cityview)
- 7:00 a.m. - 11:00 a.m. **Team Registration** *In Main Lobby*
Competition Set-up *In Atrium*
- 7:30 a.m. - 8:00 a.m. **Preliminary Round Model & Presentation**
Judges Orientation *Cityview*
- Special Awards Judges Orientation**
Galaxy Theater – enter through Gallery 3
- 8:00 a.m. - 1:00 p.m. **Preliminary Round Model & Presentation**
Judging
(see schedule for times & room locations;
families welcome)
Special Awards Judging *In Atrium*
- 11:30 a.m. - 1:30 p.m. **Lunch**
Teams: *Lunch Room*
Judges, Committee & Volunteers: *Cityview*
VIP Judges: *Galaxy Theater*
- 2:00 p.m. - 2:15 p.m. **Announcement of Top 5 Competitors**
Gallery 2 – families welcome
- 2:15 p.m. - 4:00 p.m. **Final Round of Model & Presentation**
Judging for Top 5 Competitors
Gallery 2 – families welcome
- 2:30 p.m. - 5:00 p.m. **Supervised Public Viewing of Models**
Atrium families & public welcome
- 4:15 p.m. – 5:15 p.m. **Awards Ceremony**
Participation Awards & Special Awards
Announcement of Winning Team
Photographs *Gallery 2 – families welcome*
- 5:15 p.m. – 6:00 p.m. **Dismantle Competition**
Turn in name badges and evaluations
-

Essay Judges (continued)

Nicholas Fullenkamp	Reynolds & Reynolds
Lynn Gilliland	GM (retired)
Francis Gooding	MSA Architects
Sally Gutierrez	National Risk Management Research Laboratory United States Environmental Protection Agency
Jessica Herron	Malcolm Pirnie, Inc.
Matt Jenkins	Horvath Associates
Reese Johnson	Ch2mHill
Anthony Kahny	GBBN Architects
Jud Kline	Herschman Architects, Inc.
Eric Konieczynski	URS Corporation
Steve Lahrman	Ferco Tech Corporation
Tara Lee	ODNR
Kevin Leedy	Air Force Research Lab
Monica Lowery	FRCH Design Worldwide
Dean Lutton	FRCH Design Worldwide
Peter Macrae	TRIAD Architects
Gloria Marano	Dayton Ice Machines Inc.
Kim Milligan	DBM
David Moughton	XCG Environmental Engineering
Rob Moyer	U.S. Army Corps. of Engineers
Volker Mueller	NBBJ
Bill Munk	Taratec
Patrick O'Donovan	SHIRK & O'DONOVAN
Joe Pax	meyerswelsh architecture + design
Steven Reese	Hazen and Sawyer
Sara Robinson	Cole + Russell Architects
Adam Rogers	URS Corporation
Kirk Rogers	GE Medical Systems
Doreen Sanfelici	Strahan Associates
Jason Severit	Reynolds & Reynolds
Allan Schaffer	360 Architects
Fred Schroeffel	San Jose Convention and Visitors Bureau
Paul Shirley	GBBN
Prathib Skandakumaran	graftech
Monica Steele	Architectural Intern
Fred Trippel	Borden (retired)
Ed Wade	Herschman Architects
Sarah Walker	360 Architects
Kim Walraven	FHWA
Jim Wasserbauer	The Payne Firm, Inc.
George Webb	H.C. Nutting
Kathy Wheadon	Cooper Roberts Simonsen Architects
Nathan Willison	TRIAD Architects
Cindia Wren	BHDP
Bob Zigmund	AEP

Map Judges

Jim Buckson	Federal Highway Administration
Carice Jameson	ODOT
Dean Focke	ODOT
Joe Glinski	Federal Highway Administration
Rick Noss	FMSM Engineers
Matt Shamis	Federal Highway Administration
Jan Voelker	Retired Environmental Manager
Aimee Zerla	Ohio Div of Travel & Tourism
John Noss	Harvard graduate
Lisa Huelskamp	Westerville City Schools
Chuck Gerdes	Retired Engineer
Sara Greenmore	Burgess & Niple
Megan Dunton	RD Zande & Associates
Joy Lanham	Burgess & Niple
Brian Toombs	Burgess & Niple
Heidi Evans	Ohio Dept. of Natural Resources
Amy Rosepiller	Burgess & Niple
Dana Goski	Allied Mineral Products, Inc.
Peter Macrae	TRIAD Architects
Gus Smithhisler	Ohio Dept. of Natural Resources

Essay Judges

Ruth Albertelli	van Dijk Westlake Reed Leskosky
Michael Alford	CDM
Jim Boyd	Attorney (retired)
Kensei Ishikawa	Architectural Intern
Jocelyn Ashby	Architectural Intern
Antonius Badoux	M-Engineering, LLC
Terrence Branbury	ODNR
Dean Bortz	Columbus State Community College
Mike Brady	BBS/Ch2mHill
Tom Byrer	Battelle (retired)
Nicole Cosbitt	University of Cincinnati
Erin Crilly	meyerswelsh architecture + design
Paul Culter	Edwards and Kelcey
Joseph Danyluk	University of Cincinnati, Student
Melissa Dittman	Butler Tech
Robert Donaldson	Work Studios
Nancy Drexel	URS Corporation
Al Ehlert	SquareD/Schneider Electric
Lynn Eisentrout	Village of Minerva Park, Mayor
Michael Ellerbrock	Woolpert LLP
Brett Foley	TRIAD Architects
Barry Franz	Civil & Environmental Consultants, Inc.

Special Awards Categories and Sponsors

The following Special Award categories will be presented during the awards ceremony. The winners are determined by the scoring of volunteer judges at the Competition.

Best Architectural Model

American Institute of Architects, Columbus Chapter - Sandra LaFontaine, AIA President

Cities that have structures in the city model that represent a variety of sizes, shapes, designs, colors, and materials will do well in Best Architectural Model. The city model should be aesthetically pleasing, and form should follow function in choosing methods and materials for construction. The kids should give you the impression that they understand the concept of architecture.

Best Infrastructure

American Society of Civil Engineers - Kevin Carpenter

Cities with innovative designs for infrastructure systems will do well in the competition for the Best Infrastructure Award. The city should reflect a design that utilizes the most innovative infrastructure systems (e.g., transportation, power, communication, data, security, water, and sewer). The kids should give you the impression that they understand the concept of civil engineering and the role infrastructure plays in the functionality of their city.

Best Use of Ceramics

Allied Mineral Products - Dana Goski

Cities that incorporate traditional ceramics (plaster, cement, bricks, tableware, glass, tile, ceramic magnets, etc) as well as more advanced ceramics (superconducting magnets for Maglev, filters for purifying water, tile for spacecraft thermal insulation, optical fibers, electronics, sensors, solar panels and other advanced structural applications) will score high. The students should understand ceramics, and be able to describe why its properties are important for various applications.

Best Use of Energy

Ohio Department of Development, Office of Energy Efficiency - Sherry Hubbard

Cities that have advanced energy production facilities, energy efficient commuting, and have renewable, non-polluting energy sources will do well in the Energy category. Creativity is encouraged, but the kids should be able convince you that their energy system will work (even though it might be a stretch with current technology). The kids should understand how their energy is produced, and have ideas on energy efficiency in industry, the workplace and at home.

Best Use of Recreation

Worthington AM Rotary Club - Dan Srsic, President

Cities that look fun will do well in Best Use of Recreation. Green space, water, parks, museums, zoos, sports arenas, and other areas for leisure activities score high. Also, a well thought out plan for how their citizens can spend their leisure time is important. This should be a fun category, and the kids should give you the impression that they would really have lots of fun if they lived in their city.

Special Awards Categories and Sponsors (continued)

Best Use of Recycled Materials

Ohio EPA Office of Environmental Education - Caroyl Watkins, Chief, Office of Env. Ed.

Teams that incorporate a variety of odds and ends into their models that are then creatively developed into buildings, houses, parks, landscapes and other living spaces will do well in Best Use of Recycled Materials. This should be an especially creative category. There is a \$100 limit on model and presentation materials costs for each team's project, so recycled materials should figure prominently in the cities depicted. This should be a fun category, and the kids should understand the importance of recycling in the sustainability of a future city.

Best Use of Transportation

Ford Motor Company Fund - Sandy Ulsh, Vice President and Executive Director

Cities that have a variety of roads, rails, people movers, subways, planes, rockets, and advanced transportation ideas score high in Best Use of Transportation. Also, positioning and accessibility of public transportation in relation to housing, shopping, and workplaces is important. You should get the impression that the kids have spent time engineering the transportation system so that it allows workers and visitors to move easily around their city.

Best Use of Water Resources Engineering

Friends of Sam Chebaro - Maha Chebaro

A city that plans good water resources management will do well in the Best Use of Water Resources Engineering category. Credit will be awarded for selecting appropriate drinking water sources, treatment technologies, collection and distribution systems, and disposal locations. In addition, the strategic location of drinking water and wastewater treatment plants, the use of water conservation strategies, innovative treatment techniques, and efforts to protect water sources and other sensitive resources score high. The kids should give you the impression that they have spent time engineering processes all the way from how they will provide drinking water through to the treatment and ultimate disposal of wastewater.

Best Moving Part

Worthington AM Rotary Club - Dan Srsic, President

Cities are required to have a Moving Part as a component of the city model. The Moving Part must function with a self-contained energy source and must contribute to the overall design and function of the city. Moving Parts that are designed in a creative fashion, are powered in a unique way and incorporate unusual materials will do well in Best Moving Part award category. The kids should give you the impression that they understand the importance of their Moving Part and its role in the design of their city. understand the function and importance of their Moving Part and its role in the design of their city.

Preliminary Model/Presentation Judges

Lyndsay Benedict	OSU
Mark Bonifas	Hull & Associates
Dean Bortz	Columbus State Community College
Dennis Brandon	NBBJ
Jenny Chacey	T, Marzetti Company
Justin Cloyd	Lupton Rausch Architects
Willie Collins	NexTech Materials, Ltd.
Martha (Marty) Cooper	Ohio EPA - Legal
Whitney DeGendt	OSU
Michael Denison	NBBJ
Tony DiNicola	URS Corporation
Megan Dunton	R.D. Zande & Associates, Inc.
Safaa El-Oraby	Ohio EPA - DAPC
Dan Ferdelman	City of Columbus, Planning Division
Mohammad "Mo" Finy	Hull & Associates, Inc.
Abigail (Abi) Fry	Honda of America Manufacturing
Chris Galilei	Ohio EPA - DAPC - GFO
Anne Gant	Battelle
Jim Gant	Battelle
Sara Greemore	Federal Highway Administration
Stefanie Hauser	Honda of America Mfg
David Hawkins	Eutechnics
Greg Heaton	Crawford, Murphy & Tilly, Inc.
Jacob Hellman	Duke Realty Corporation
Conrad Hinds	City of Columbus, Division of Water
Jacob Howdyshell	Ohio EPA - DSW
Tony Hull	Mid-Ohio Regional Planning Commission
Ismail Jallaq	Civil & Environmental Consultants, Inc.
Jerry Jayjohn	NexTech Materials, Ltd.
Jerry L. Johnson, Sr.	American Electric Power
Daniel Kopec	Ohio EPA - DSW
Douglas Kruse	W.D. Partners
Kenneth (Ken) E. Linger	Ohio Department of Transportation
Janet Maggianetti	W.D. Partners
Jeri Main Savelle	Ohio EPA - DDAGW
Brenda Metcalf	Environmental Education Council of Ohio
Suzanne Miller	Honda of America Mfg.
Michael Myers	Sullivan Bruck Architects
Meera Parthasarathy	Columbus Green Building Forum
Donald L. Phillips, Jr.	City of Worthington
Nicole Reed	Roehrenbeck Electric, Inc.
Nancy Reger	Mid-Ohio Regional Planning Commission
Kim Rhoads	Ohio EPA - Legal
James Roberts	Ohio EPA- DSW
Mary Ann Silagy	Ohio EPA - DSW
Duane Soisson	Ohio Department of Transportation
Holly Tucker	Ohio EPA - DSW - GFO
Hilda Velasco	Federal Highway Administration
Tea Visnjic	WD Partners
Adam Wei	Ohio Rehabilitation Services Commission
Fonda Welker	URS Corporation
Lisa Zigmund	Ohio Department of Transportation, District 6

Special Award Judges

Alauddin Alauddin	Ohio EPA DEFA
CJ Andrews	NBBJ
Gregory Barden	City of Columbus - DOSD
Kurt Beres	Meacham & Apel Architects
Joe Berardi	American Signatures Inc.
Keriann Blagg	Meyers-Welsh
Jim Boyd	Attorney (retired)
Mike Burmeister	Moody Nolan
Tom Byrer	Battelle (retired)
Annette DeHavilland	Ohio EPA
Michael Ellerbrock	Woolpert LLP
Pejmaan Fallah	Ohio EPA Division of Environmental and Financial Assistance (DEFA)
Nexida Feliciano	ODNR-DRLP
Brent Foley	TRIAD Architects
Julie Forejt	WD Partners
Kara Gustafson	Meyers-Welsh
Dan Halterman	Ohio EPA DEFA
Josh Hardesty	Meyers-Welsh
Steven Hermiller	Woolpert LLP
Matthew Hittle	Ohio EPA
Barbara Jordan	Woolpert LLP
Dave Landis	ODNR DRLP
Bill Landshof	R.W. Armstrong & Associates
Robert Magorien	Moody Nolan
Marva McCall	ODNR Division of Watercraft
Erin Need	ODNR-DRLP
Chris Nickell	TRIAD Architects
Rick Noss	FMSM
Joe Pax	Meyers-Welsh
Abdur Rahim	Ohio EPA- Division of Air Pollution Control
Diane Razler	Meacham & Apel Architects
Stephanie Reinhart	Andrews Arch
John Ryan	NBBJ
Lee Ann Schwope	Excera Materials Group, Inc.
Pete Scott	Meyers-Welsh
Matt Shamis	Federal Highway Administration
Charity Sims	Meyers-Welsh
Terry Sullivan	Schooley Caldwell
Fred Trippel	Borden (retired)
Matt VanBuren	Abbott and Abbott
Monica Wangler	NBBJ
Richard White	Meacham & Apel Architects
Bob Yano	Battelle Memorial Institute
Matt Young	Battelle Memorial Institute

Special Awards Categories and Sponsors (continued)

Most Economic Project

Gianola Financial Planning - Jill Gianola, Principal

The student team should be aware of how their city did financially in the SimCity computer game. An understanding of the impact of revenues and taxes on the financial condition of their city is important. Students should understand that venues such as museums, sports arenas, zoos, and parks can generate revenue, but they also must be paid for through tax collections or other sources.

Most Environmentally Friendly

Fuller, Mossbarger, Scott & May Engineers - Rick Noss, Senior Engineer

Cities that have a plan for handling outflows from industrial, commercial and residential waste streams will do well in the Most Environmentally Friendly category. Recycling strategies, advanced energy plants that minimize pollution, treatment techniques, and efforts to keep effluent streams away from residential areas, green spaces, and water sources score high. The kids should give you the impression that they have spent time engineering processes all the way through to the waste stream.

The following Special Award categories will be presented during the awards ceremony. The winners are assessed by the Steering Committee.

Best Essay

Society of Marketing Professional, Cincinnati Chapter - Laurie Buckman

Presented to the team with the highest Essay Score.

Best Map

M-E Companies - Tim Foley, CEO

Presented to the team with the highest Map Score.

Rookie of the Year

Collector Wells, Inc. - Andy Smith

Presented to the team with the highest overall scores from a school that has never been represented at the Ohio Regional Competition.

The following Special Award category will be presented during the awards ceremony. The winners are determined by the voting of participants at the Competition.

People's Choice

Battelle Memorial Institute - Rick Hall

Based on individual preference of fellow team members. Five people's choice ballots are in each team packet – one for each member on the teams competing. Only the competing team members can vote. The voting should take place during lunch and must be turned in by 12:30 p.m. Ballots must be turned in at the ballot box on the FCC registration table.

Teams

Anna Local Schools - Anna

Future City Name: **Dapplewood**

Teacher: Ben Wilhelm

Students: Colleen Baumer, Jenise Berning, Sarah Bruce

Engineer: Lee Eilerman, ODOT

Arbor Hills Jr. High School - Sylvania

Future City Name: **Lucovis**

Teacher: Patricia Corrigan

Students: Travis Bihn, Colin McCloskey, Nicholas Smith

Engineer: Matthew McCloskey, Delta Environmental

Barnesville Exempted Village Schools - Barnesville

Future City Name: **Senrab 2**

Teacher: Jean Gallagher

Students: Kati Anderson, Johnny Pierson, Hunter Yevincy

Engineer: Jerry Smith, Ohio State University, Retired

Batavia Middle School - Batavia

Future City Name: **Portonino**

Teacher: Mary Bradburn

Students: Cassie Ewing, Josh Hampton, Chad Moles,

Engineer: Michael Moles, Spindles Plus

Benjamin Local Middle School - Bellefontaine

Future City Name: **Carpe Diem City**

Teacher: Eric Hemmelgarn

Students: Chris Peterson, Lauryn Vogt, Vanessa Wilkins

Engineer: Jennifer Snapp, Logan-Union-Champaign RPC

Bexley Middle School - Bexley

Future City Name: **Anzuria**

Teacher: Linda Kelley

Students: Max Charles, Alexander Lange, Samuel Meizlish

Engineer: Mark Sherman, Franklin County Engineers

Blendon Middle School - Westerville

Future City Name: **Jekyro**

Teacher: Deborah Fisher

Students: Kyle Fugger, Lauren Johnson, Anna Samuelson

Engineer: David Samuelson, RD Zande

Bridges Community Academy - Tiffin

Future City Name: **Star City**

Teacher: Sonya Stripe

Students: Sean King, Grant Manning, Mathias Stock

Engineer: James Stripe, Cooper, Tire and Rubber

Teams (continued)

Tri-County North Middle School - Lewisburg

Future City Name: **Europia**

Teacher: Amy Skinner

Students: Macayla Conley, Jesse Garner, Austin Schaar

Engineer: Greg Beers, USAF

Valley View Middle School - Germantown

Future City Name: **Neospecula**

Teacher: Dennis Hern

Students: Andrew Bowser, Kamron Fullmer, Ross Swartz

Engineer: Tom Baudendistel, Self-Employed Engineer

Versailles Ex Village Jr. High - Versailles

Future City Name: **Margaritaville**

Teacher: Mary Jo Subler

Students: Carrie Grilliot, Nathan Steinbrunner, Tessa Subler

Engineer: Tom Jokerst, Midmark

Walnut Springs Middle School - Westerville

Future City Name: **Viaje**

Teacher: Deborah Fisher

Students: Alison Edwards, Ian McManus, Jason, Meek

Engineer: Fred Johanson, Jeffrey Mining - Retired

Special Team Design Activity

Design Challenge:

Using the resource materials provided in their kit, student team members:

- 1.) Built working models of the six (6) mechanisms illustrated.
- 2.) Filled in worksheets to list how each of the six (6) mechanisms were used.
- 3.) Sketched a design for a new use for each type of mechanism.

Model Construction Materials:

6 Card stock rectangles for body of mechanism

20 Card stock linkage strips

1 Extra card stock for mechanism #4 cut out

25 Brass fasteners

One pair scissors

6 FCC Team Design Activity Worksheets

Note: Parents and members of the other FCC teams will be able to view all of the team built model mechanisms before and after the Final Five Judging and Awards program in Gallery II.

Each team can take their model mechanisms and worksheets home with them at the end of the 2006 - 07 Future City Competition – Ohio Region event.

Teams (continued)

Southington Middle School - Southington

Future City Name: **Chalkeropolis**

Teacher: Stephanie Greathouse

Students: Meagan Jackson, Connor Oakford, Michael Young

Engineer: Frank Manchester, TCTC

St. Bernard School - New Washington

Future City Name: **Karavantha**

Teacher: Mary Obringer

Students: Ashley Langjahr, Natalie Niese, Cassandra Walter

Engineer: Todd Fike, PECO II

St. Mark Lutheran School - Brunswick

Future City Name: **Canje**

Teacher: Laina Makepeace

Students: Jessica Dill, Elizabeth Dobbins, Chris Podracky

Engineer: Ryan Cummins, City of Brunswick

St. Mary of the Assumption - Mentor

Future City Name: **Gula Maat**

Teacher: James Smith

Students: Natalie Avsec, Kyle Lorek, Tim Wilhelm

Engineer: Bill Sheehy, ODOT

St. Peter - North Ridgeville

Future City Name: **System Central**

Teacher: Christine Bopp

Students: Sean Anderson, Corey Azok, Johnathan Harrison

Engineer: Jim Fetcko, Ohio Screw Products

St. Vincent de Paul - Mt. Vernon

Future City Name: **Pacifica**

Teacher: Terra Dilley

Students: Mary Margaret Parks, Ben Robinson, Rhiannon Suggs

Engineer: Joe Taposci, Rolls-Royce Energy Systems

St. Matthias - Columbus

Future City Name: **Abcosa**

Teacher: Dan Kinley

Students: Brenda Hahn, Olivia Pina, Sofia Nnadi

Engineer: Ron Yarano, ME Companies

Starling Middle School - Columbus

Future City Name: **Castaway Bay**

Teacher: Julie Knecht

Students: Brandon Barcus, Samantha Chambers, Taylor Nelson

Engineer: Aleks Daskalov, NBBJ

Teams (continued)

Buckeye Trails Middle School - Old Washington

Future City Name: **EverGrande**

Teacher: Kerry Jones

Students: John Matthew Adkins, Joshua Grewell, Joseph Huber

Engineer: Ronald McQuain, Cambridge Tool & Die

Chardon Middle School - Chardon

Future City Name: **Life Star**

Teacher: Evelyn Metcalf

Students: Anna Parker, Kim Savides, Seanna Sicher

Engineer: Bob Smoske, Thielsch Engineering

Cornerstone Christian Academy - Willoughby Hills

Future City Name: **Conquistador**

Teacher: Joan Jeunnette

Students: Erin Morgan, Ellie Roddy, Derek Smith

Engineer: Gary Hermelin, Lubrizol Corporation

Felicity Franklin Middle School - Felicity

Future City Name: **Paracelsus**

Teacher: Shelley Nooe

Students: Laura Buckler, Mack Hayden, Ciara M.J. Nickol

Engineer: Michelangelo Pedicini, Proctor & Gamble

Genoa Middle School - Westerville

Future City Name: **Eldur Og Is**

Teacher: Debbie Pellington

Students: Stevie Moon, April Tausch, Joe Spahr

Engineer: Nick McCullough, Civil and Environmental Cons.

Glen Este Middle School - Cincinnati

Future City Name: **Megalopolis**

Teacher: Kathleen DeMorgan

Students: Samantha Brannen, Jefferson Casavant, Alvin Gao

Engineer: Greg Casavant, LB Communications - Cincinnati

Greenfield Middle School - Greenfield

Future City Name: **Smolderville**

Teacher: Barbara Cook

Students: Sam Henry, Kacie Monroe, Trey Lyttle

Engineer: Tom Wakeman, General Electric

Hammersville Middle School - Hammersville

Future City Name: **Hydropolis**

Teacher: Theresa Furnas

Students: Zach Wallace, Amber Wilson, Katie Yockey

Engineer: Tim Greene, Self Employed Engineer

Teams (continued)

Hathaway Brown School - Shaker Heights

Future City Name: **C-Town**

Teacher: Nicole Trombetta

Students: Isobel Blakeway-Phillips, Samantha Reeves, Stephanie Wong

Engineer: Dave Robar, Vocon Design

Heritage Middle School - Westerville

Future City Name: **Cristallica**

Teacher: Debbie Pellington

Students: Glen Gainer, Lizzie Gauen, Emma Henderson

Engineer: Ted Beidler, Franklin County Engineers Office

Horizon Science Academy - Cleveland

Future City Name: **Concordis**

Teacher: Haken Bagcioglu

Students: Artie Negron, Ryan McKeever, Jeffrey Moscalink

Engineer: Mustafa Emanet, Horizon Denison Middle School

Lakewood Middle School - Hebron

Future City Name: **City of the Sea**

Teacher: Pamela Hundley

Students: Hannah Byers, Shelby Cooperider, Jared Halter

Engineer: Vern Johnston, CV Johnston & Associates

Mad River Middle School - Riverside

Future City Name: **Pacifico**

Teacher: Mark Bolmida

Students: Lindsey Roberts, Ashlyn Runk, Kelsey Wright

Engineer: Joleen Cook, Ohio EPA

Monroe Middle School - Columbus

Future City Name: **Special Elite 8 (SE8)**

Teacher: Julie Knecht

Students: David Edgar, Jermayne Harris, Rayna Williams

Engineer: Ming Wang, Battelle

Norton Middle School - Norton

Future City Name: **Brightville**

Teacher: Michael Klubnik

Students: Robert Bendel, Jeff Rynes, James Zolyak

Engineer: Joseph Zolyak, Telos Systems

Olentangy Liberty Middle School - Powell

Future City Name: **Metrotopica**

Teacher: Jodi Sagle

Students: Max Dunbar, Brock Price, Philip Pisto

Engineer: Jill Sustar, AEP

Teams (continued)

Olentangy Orange Middle School - Lewis Center

Future City Name: **Gagaringrad**

Teacher: JoAnne Neely

Students: Shannon Kochensparger, Joey Ricci, Lauren Saavedra

Engineer: Joe Ricci, Northrup Grumman

Peaceful Children Montesorri School - Kirtland

Future City Name: **Pax Oppidum**

Teacher: Jennifer Massiello

Students: Kyle Connelly, Stephen Doles, Conor McKiernan

Engineer: Kathleen McKiernan, Peaceful Children Montessori

Perry Middle School - Worthington

Future City Name: **Acqua Montagne**

Teacher: Marty McTigue

Students: Christina Carrizales, Nick Darby, Austin Dickey

Engineer: Gretchen Fickle, Ohio EPA

Ridgedale Local Schools - Morral

Future City Name: **Claro**

Teacher: Jamie Terry

Students: Ryan McQuillen, Victoria Meadows, Patrick Weston

Engineer: Dana Slob, Whirlpool

Royal Redeemer Lutheran School - North Royalton

Future City Name: **Methopolis**

Teacher: Susan Hass

Students: Joshua Byczek, Sarah Richter, Stephanie Zanotti

Engineer: Harry Ezzo, Firestone

Sacred Heart School - Wadsworth

Future City Name: **Deja Vu**

Teacher: Marian Kauffman

Students: Anna Davies, Eddie Duckworth, Melissa Paydo

Engineer: Ron DeYoung, Exxon Mobile

Sidney Middle School - Sidney

Future City Name: **Pokeville**

Teacher: Kevin Turner

Students: Cassie Dulworth, Jenny Fair, Donavan Krueger

Engineer: Barbara Dulworth, City of Sidney

Southern Hills Academy - Chillicothe

Future City Name: **Spungolla**

Teacher: Sarah Folzenlogen

Students: Maggie Brower, Amanda Folzenlogen, Alexis Manazer

Engineer: Ernie Rumfield, Horizon Telecom Inc.
