

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION AUTHORIZING THE ADMINISTRATOR FOR THE DEPARTMENT OF PUBLIC WORKS TO ENTER INTO A PARTNERSHIP AGREEMENT WITH GREEN/SPACES RELATIVE TO THE GREENSPARKS DESIGN COMPETITION, IN THE AMOUNT OF TEN THOUSAND DOLLARS (\$10,000.00).

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BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the Administrator for the Department of Public Works to enter into a Partnership Agreement with green/spaces relative to the GreenSparks Design Competition, in the amount of \$10,000.00.

The Design Thinking Competition is called GreenSparks and includes other organizations such as Bright Innovative, Hamilton County Department of Education, University of Tennessee at Chattanooga, and Chattanooga Christian School. Resolution No. 28047 authorizes acceptance of a grant from the Tennessee Stormwater Association relative to the School Partnership for Water Quality Education.

ADOPTED: \_\_\_\_\_, 2016

/mem

# City of Chattanooga



## Resolution Request Form

(This form is only required for resolutions requiring expenditure of City funds)

Date Prepared: February 10, 2016

Preparer: Jennifer Norton/ Jim Luebbering

Department: Public Works - Engineering & Water Quality

**Brief Description of Purpose for Resolution:**

Resolution Number (if approved by Council):

A City Council resolution is requested to authorize the Administrator of Public Works to enter into a partnership agreement with green|spaces for \$10,000 relative to the GreenSparks Design Competition.

|                                       |                     |                                      |                                |
|---------------------------------------|---------------------|--------------------------------------|--------------------------------|
| Name of Vendor/Contractor/Grant, etc. | <u>green spaces</u> | New Contract/Project? (Yes or No)    | <u>yes</u>                     |
| Total project cost                    | \$ <u>10,000.00</u> | Funds Budgeted? (YES or No)          | <u>Yes</u>                     |
| Total City of Chattanooga Portion     | \$ <u>0.00</u>      | Provide Fund                         | <u>6030</u>                    |
| City Amount Funded                    | \$ <u>10,000.00</u> | Provide Cost Center                  | <u>70101</u>                   |
| New City Funding Required             | \$ <u>0.00</u>      | Proposed Funding Source if not budge |                                |
| City's Match Percentage               | <u>0%</u>           | Grant Period (if applicable)         | <u>ending by June 30, 2016</u> |

**List all other funding sources and amount for each contributor.**

| Amount(s)           | Grantor(s)   |
|---------------------|--|
| \$ <u>10,000.00</u> | <u>Tennessee Stormwater Association (Resolution 28047)</u> |
| \$ _____            | _____  |
| \$ _____            | _____  |

Agency Grant Number \_\_\_\_\_

CFDA Number if known \_\_\_\_\_

Other comments: The design thinking competition is called Green Sparks and including other organizations Bright Innovate, Hamilton County Department of Education, University of Tennessee at Chattanooga and Chattanooga Christian School (see website: <http://www.bright-spark.org/#!competitions/cg8z>) Resolution 28047 authorizes acceptance of a grant from the Tennessee Stormwater Association relative to the School Partnership for Water Quality Education. District 7.

Approved by:

Reviewed by: FINANCE OFFICE

DESIGNATED OFFICIAL/ADMINISTRATOR

Please submit completed form to @budget, City Attorney and City Finance Officer

RESOLUTION NO. 28047

A RESOLUTION AUTHORIZING THE ADMINISTRATOR FOR THE DEPARTMENT OF PUBLIC WORKS TO APPLY FOR, AND IF AWARDED, ACCEPT A GRANT FROM THE TENNESSEE STORMWATER ASSOCIATION FOR GREEN DEVELOPMENT PROJECT GRANT RELATIVE TO THE SCHOOL PARTNERSHIP FOR THE WATER QUALITY EDUCATION, FOR AN AMOUNT OF TWENTY-THREE THOUSAND FIVE HUNDRED DOLLARS (\$23,500.00), PLUS SIX THOUSAND FIVE HUNDRED DOLLARS (\$6,500.00) IN-KIND MATCH, FOR A TOTAL PROJECT COST NOT TO EXCEED THIRTY THOUSAND DOLLARS (\$30,000.00).

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BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That the Administrator for the Department of Public Works is hereby authorized to apply for, and if awarded, accept a grant from the Tennessee Stormwater Association for Green Development Project grant relative to the School Partnership for the Water Quality Education, for an amount of \$23,500.00, plus \$6,500.00 in-kind match, for a total project cost not to exceed \$30,000.00.

ADOPTED: October 21, 2014

/mem



## City of Chattanooga

MAYOR ANDY BERKE

February 9, 2016

Mr. Michael Walton, AIA, NCARB, LEEP AP  
green|spaces  
63 Main Street  
Chattanooga, TN 37408

Re: Partnership for water quality education  
Attachments: Partnership Agreement

Dear Mr. Walton,

The City welcomes the opportunity to partner with green|spaces for management of the Bright Sparks Design Thinking Competition. This initiative will allow middle school groups to create an outdoor classroom at East Lake Park focused on water quality education. It will enhance awareness for students and the community about stormwater quality issues while also enhancing the park.

In this partnership agreement, the City and green|spaces will work together to ensure the competition is a success. Students will learn more about stormwater quality and the resulting outdoor classroom designs provide insight for improvements to East Lake Park.

Please find attached the Partnership agreement for review and signature.

Sincerely,

Mounir Minkara, Ph.D., P.E.  
Manager, Water Quality Program

Cc: Justin Holland, M.P.A, Acting Administrator of Public Works  
Bill Payne, P.E., City Engineer  
Jim Luebbering, P.E., Assistant City Engineer  
Central File

PUBLIC WORKS DEPARTMENT, ENGINEERING & WATER QUALITY DIVISION  
DEVELOPMENT RESOURCE CENTER, 1250 MARKET STREET, SUITE 2100, CHATTANOOGA, TN 37402  
MAIN: (423) 643-6000 FAX: (423) 643-6008



## PARTNERSHIP AGREEMENT

The City of Chattanooga (City) and green|spaces agree that each party has certain responsibilities to make this project succeed. The responsibilities of each party are listed below:

green|spaces will provide resources (time and individuals) with \$10,000 support to:

- A. Utilize these funds in support of the Design Thinking Competition for increased Water Quality education for all participating students. The details of water quality education will be included in the scope for participating schools.
- B. Communicate reimbursement requirements to City Project Manager.
- C. Report on overall project outcome before July 1, 2016, noting project aspects, funding utilization, resulting designs, winners and future enhancements.

The City (Water Quality Program) will:

- A. Participate in the advisory committee to ensure this project goals are met.
- B. Provide water quality staff for student training as defined in the Design Thinking competition specs (1-2 visits with each of four team).
- C. Provide feedback for students on a forum about water quality and design.
- D. Participate in the celebratory Green Schools Summit that announces winners with presentations on general water quality and green infrastructure for both students and all attendees.

The City and green|spaces are in agreement to the above terms as they pertain to this partnership agreement for water quality education and by the execution of signatures below enter into a Partnership Agreement.

The terms as described above are agreeable to the green|spaces, and as an Officer of the said organization, I hereby agree to the terms as described.

---

Mr. Michael Walton, green|spaces

Date

The terms as described above are agreeable to the City of Chattanooga, and as the Administrator of Public Works, I hereby agree to the terms as described.

---

Justin Holland, Acting Public Works Administrator

Date

----- Forwarded message -----

From: **Jim Luebbering** <[jluebbering@chattanooga.gov](mailto:jluebbering@chattanooga.gov)>

Date: Wed, Feb 10, 2016 at 8:27 AM

Subject:

To: Jennifer Norton <[jnorton@chattanooga.gov](mailto:jnorton@chattanooga.gov)>

Send resolution thru for the agenda on the 23rd. Thank you.

--  
Sincerely,

Jim Luebbering, P.E.  
Asst. City Engineer - WQ

Search site

# SPARKS IGN COMPETITION



Students sponsored by Bright Spark and  
pilot project with 5-6 middle schools  
focus on sustainability (social, environmental, and

@BrightSparkers

  @BrightSparkers

@BrightSparkers (<https://twitter.com/BrightSparkers>)

Tue Jan 26 2016

RT @setnstem (<https://twitter.com/setnstem>):

Jenny Whitener of @brightsparkers

(<https://twitter.com/brightsparkers>) &

@BridgelInnovate

(<https://twitter.com/BridgelInnovate>) leads our

STEM Fellows in a design thinking workshop!

<https://t.co/jTqdcC> (<https://t.co/jTqdcC>)...

↩ ([https://twitter.com/intent/tweet?](https://twitter.com/intent/tweet?in_reply_to=692042770920398848)

[in\\_reply\\_to=692042770920398848](https://twitter.com/intent/tweet?in_reply_to=692042770920398848)) ↗

([https://twitter.com/intent/retweet?](https://twitter.com/intent/retweet?tweet_id=692042770920398848)

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([https://twitter.com/intent/favorite?](https://twitter.com/intent/favorite?tweet_id=692042770920398848)

[tweet\\_id=692042770920398848](https://twitter.com/intent/favorite?tweet_id=692042770920398848))

@BrightSparkers (<https://twitter.com/BrightSparkers>)

Fri Nov 06 2015

Design Thinking Webinar <https://t.co/2RyEUbpuhR>

(<https://t.co/2RyEUbpuhR>)

↩ ([https://twitter.com/intent/tweet?](https://twitter.com/intent/tweet?in_reply_to=662683096404373504)

[in\\_reply\\_to=662683096404373504](https://twitter.com/intent/tweet?in_reply_to=662683096404373504)) ↗

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([https://twitter.com/intent/favorite?](https://twitter.com/intent/favorite?tweet_id=662683096404373504)

[tweet\\_id=662683096404373504](https://twitter.com/intent/favorite?tweet_id=662683096404373504))

Share your experiences!

#GreenSparks

**Sign up for updates on upcoming competitions!** ✕

Email Address



## About The Challenge



### How Might We:

Design solutions for an outdoor classroom to impact sustainability (social, environmental, and economic) and water quality in East Lake Park.

### Green Spaces + Bright Spark

The impetus of [greenspaces.org](http://www.greenspaces.org) is to address the lack of awareness and application of sustainable best practices in Chattanooga and the surrounding region. We provide a

### School teams will be provided with:

- Funding for buses, teacher stipends, materials stipends
- Design Brief aligned to the standards with guiding

community resource center, educational and technical classes, design competitions, as well as advocacy and consulting for planning a greener Chattanooga. Living green, working green and building green will benefit the triple bottom line; improving Chattanooga's environment, economy and social equity.

Bright Spark, an initiative of Bridge Innovate, is designed to ignite creative confidence with students and educators through the application of design thinking. Bright-Spark's design thinking methodology is inspired by Bridge Innovate's business innovation methods, IDEO's design thinking process, and Stanford's Design Thinking Virtual Crash Course. Design Thinking provides students and teachers with a proven process for prototyping and experimenting, and innovating new solutions.

questions and examples

- Launch event
- Water quality education resources
- Coaching and mentoring
- Prototype testing day
- Green Schools Summit and the opportunity to present their design solutions

### We ask schools to provide:

- A team of 3-5 students
- Meeting at least once a week for 1-2 hours (Feb 1- April 23)

## About East Lake Park



"East Lake was Chattanooga's first park, created on land donated by businessman C.E. James in 1896. The lake was stocked with hundreds of thousands of goldfish in 1908, some of which were sold to raise money to help maintain the park, according to accounts at The Public Library.

"In its day, this park functioned for its community like Facebook does today," said Damon Davis. "It was the way everyone kept in touch with each other." There were Rook tournaments and Easter egg hunts, and a trolley line ran from downtown and circled the edge of the park, he said." (TimesFreePress)

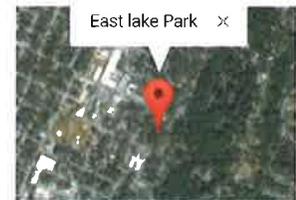
Green Sparks is partnering with the East Lake Community in an effort to restore East Lake Park to its original state and create a stronger sense of community in the East Lake neighborhood.



East lake Park from a birds eye view.  
by Kelly Lacy

[Fast Lake Library Page](#)

[Sample Solutions](#)



Imagery ©2016, DigitalGlobe, Landsat, U.S. Geological Survey, USDA Farm Service Agency

## Resources



### Competition Timeline

