

STEM Community

Standard 3 - School/program engages diverse STEM community in order to support and sustain STEM programs and initiatives.

Concept 1- School/program establishes and maintains sustainable partnerships with a variety of community organizations, including local businesses, STEM practitioners, institutions of higher education, and individuals/families

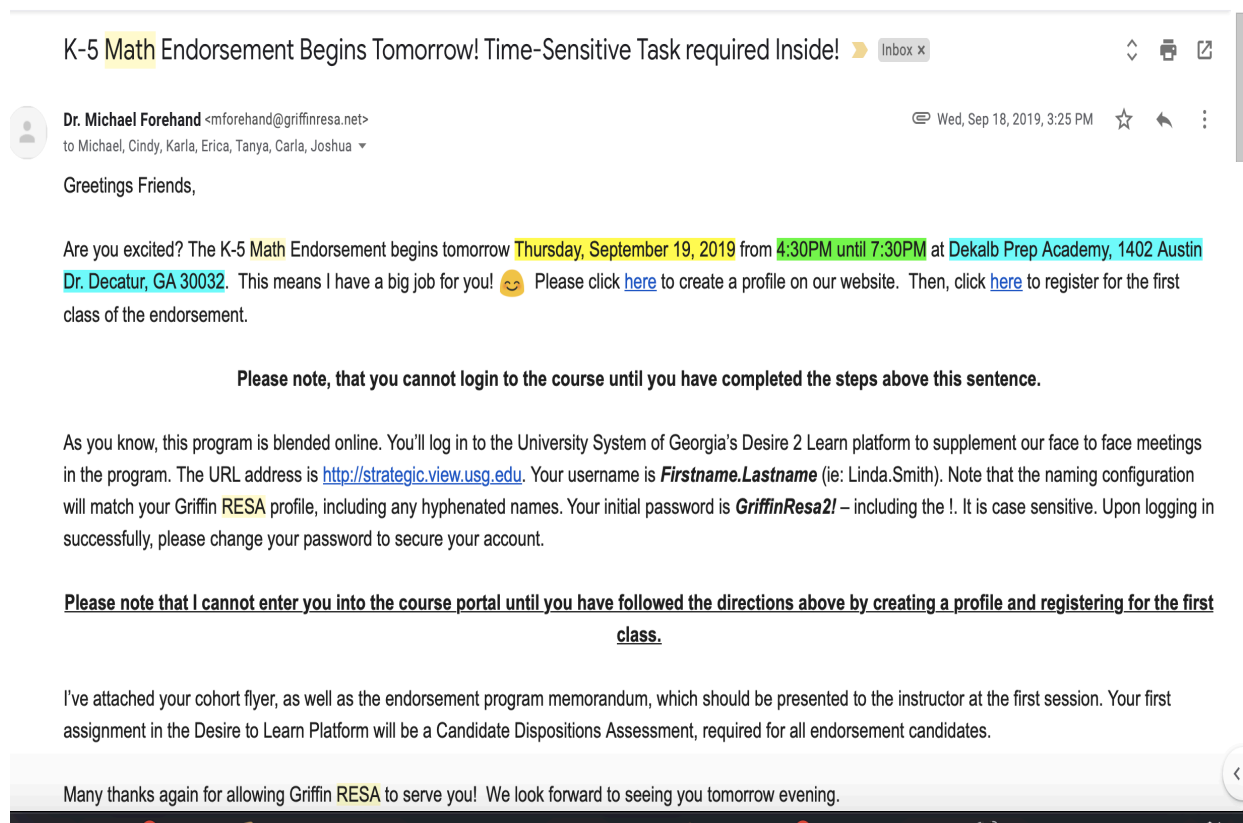
Concept 2 - School/program proactively seeks resources and support from STEM partners to improve STEM teaching and learning

As a charter school D.A.T.E. can not progress without the help of the community. There are various stakeholders, leaders, and organizations that have embraced the school's vision and mission. Many of these stakeholders and organizations participate in various school activities throughout the school year. Their dedication has allowed us to establish and maintain the STEM work that is done on our campus and with our students.

Artifact 1

Metro RESA & DeKalb Preparatory Academy Partnership

In our efforts to produce higher achieving mathematics teachers and students we formed a partnership to help teachers increase their content and pedagogical skills for mathematics. Data demonstrated the need to focus on key concepts, such as CRA to help students gain a deeper understanding of mathematical concepts. Six elementary math teachers from each of the grade levels were able to obtain the state's mathematics certification through a partnership with Griffin Resa & DeKalb Preparatory Academy. Griffin RESA provided a state approved program with thought provoking courses, while Dekalb Preparatory Academy provided a neighboring location for our teachers. This partnership allowed teachers within the community and to collaborate with other charter school educators.





K-5 Mathematics Endorsement - Fall 2019

Griffin RESA is pleased to offer the K-5 Math Endorsement to **Dekalb Preparatory Academy and invited** educators certified in Early Childhood, Middle Grades Mathematics, and Special Education (see details on our www.griffinresa.net site). This exciting endorsement opportunity equips teachers with both content and pedagogical skills to bring their math instruction up to the next level using the Concrete, Representational, and Abstract (CRA) model, Georgia Standards of Excellence and NCTM principles. The instructional format blends high-caliber face to face sessions with an online platform, offering both quality and convenience to busy educators seeking to grow their abilities in the teaching of mathematics. The results? Confident teachers of mathematics with the depth of understanding to plan and execute effective instruction and discourse with their students. The endorsement is comprised of three courses, which along with a field experience, is designed to meet the requirements of the Georgia PSC's program standards and to advance the STEM efforts of our schools and systems.

Course 1 Dates: Sep. 19, Oct. 5, Oct. 17, Nov. 2, & Nov. 14, 2019

Course 2 Dates: Dec. 7, & Dec. 19, 2019; Jan. 16, Feb. 1, & Feb. 13, 2020

Course 3 Dates: Feb. 29, Mar. 12, Mar. 28, Apr. 16, & May 2, 2020

Meetings will take place at a Dekalb Preparatory Academy on the selected dates; participants must be present at all sessions.

Cost: Sponsored by Dekalb Preparatory Academy; No Cost to Approved Applicants

Artifact 2

Walmart Partnership

Since our initial certification, our school has increased the use of community resources to provide resources for our ecosystems on the campus. An example would be our ongoing partnership with our local Walmart. Walmart has donated an abundance of plant and vegetable seeds as well as gardening materials. These donations have helped to sustain our flower and vegetable gardens, greenhouse, and aquaponics system.






Application for Community Grant

Return completed form to the Wal-Mart Store or Sam's Club where you obtained this application

Location Use Only

Location #: _____ City: _____ ST: _____ Type: WM / Sam's / DC / TO _____

Amount Requested: \$ _____

Managers Name (signed and printed): _____ Date: ____/____/____

Community Involvement Associate: _____ Date: ____/____/____

This application must be completed and kept on file for record retention of three years at your location

To be completed by the Organization:

Select one: ☐ IRS designated 501 (c) (3)* organization
OR: ☐ Public School ☐ Federal, State or Local Government Agency

*Organizations with current (un-expired) status under Section 501(c) (3) of the Internal Revenue Service Code and that are also public charities under Section 509(a)(1) or 509(a)(2). *Organizations must be listed in the most current IRS 501 State Master File at the time of application

Organization Name: _____

Federal 501 (c) (3) Tax ID #: (if right) _____ Public Charity Status: ☐ 509(a) (1) ☐ 509(a) (2)

Address: _____ City: _____ ST: _____ Zip: _____

Contact Name: _____ Contact Phone: _____

Specifically, how will funds from this grant be utilized in your local community?

What service does your organization provide to the community?

Will these grant funds directly benefit your LOCAL community? ☐ Yes ☐ No

Which of the following groups will this funding primarily benefit? This information is used solely to track our funding to specific diverse community groups and is NOT considered during the grant review or approval process.

Please select only the most appropriate:

☐ Hispanic ☐ African American ☐ Asian American ☐ Native American ☐ Caucasian ☐ General Population (benefits the entire community)

Organization Representative: By signing below I acknowledge that this form represents a request for funding, and is not a guarantee of funding. Final approval is subject to the guidelines of the Wal-Mart Foundation. All organizations requesting grant funding must abide by the rules and guidelines set forth by the location, Wal-Mart Stores, Inc., and the Wal-Mart Foundation. This request will not be processed unless completed and signed by all parties.

Signed: _____ Printed: _____ Date: ____/____/____

Artifact 3

Keep DeKalb Beautiful

Each year the community enrichment team identifies areas of concern that need repair or maintenance on the grounds of our campus. The team then plans two days through the school year for the stakeholders, including students, parents, and partners of the school. The tasks for the day include painting the garden beds, pulling weeds, turning over the soil, and harvesting kale, swiss chard and herbs ready to eat from the garden. Each year we partner with Keep DeKalb Beautiful, a beautification unit of the DeKalb County Sanitation Division. They supply us with gardening gloves, hand shovels, recycling bags and safety vests. Our stakeholders and surrounding community members played a key role in building and sustaining a community of support to improve STEM learning.

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

From: **Arnold, Sheri** <sarnold@dekalbcountyga.gov>

Date: Tue, Nov 29, 2016 at 2:09 PM

Subject: KDB Cleanup Supplies

To:

Good afternoon,

This is a follow up to let you know that your supplies that you request will be ready for pick up on 12/1/2016. You will be able to pick it up between 7am-6pm at Sanitation Department 3720 Leroy Scott Drive Decatur, GA 30032.

Thank you,

Sheri L Arnold

Keep DeKalb Beautiful

Public Relations Specialist

404-294-3073

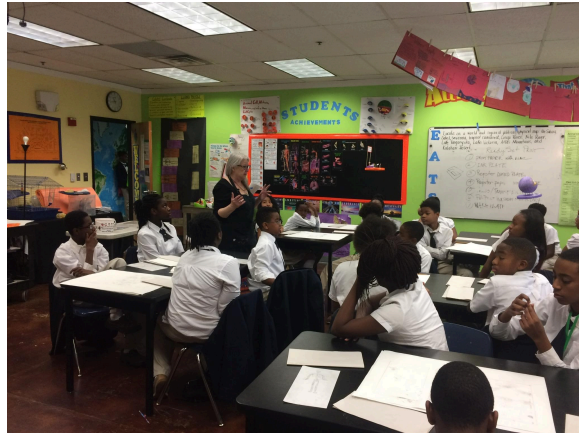
sarnold@dekalbcountyga.gov

www.keepdekalbbeautiful.org



Artifact 4

The partnership with Georgia Perimeter College has given our students to experience art in a unique way. The neighboring college extended the expertise of a college professor who spent 3 weeks working with the 5th grade students. The students learned how to express their understanding of the human organs and skeletal system through print art. They were introduced to the technical equipment and tools used to produce the ink printed artwork. Students collaborated, worked with partners, as a whole group and individually to sketch, learn about texture and many other intricate details of Art, the human body, and how both could be expressed through colored ink and print.



Artifact 5

The CTAE Showcase has become a yearly event for the stakeholders at D.A.T.E. It is an event that displays all of the knowledge learned by the students and presented to teachers, students, parents, and the community. It is our way of showing our appreciation to the STEM practitioners that worked diligently with them throughout the school year. It is also a performance assessment that can be used to future collaborations and/or resources that will be needed to improve the STEM teaching and learning in the building.

