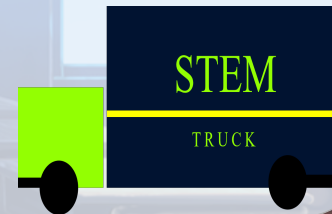


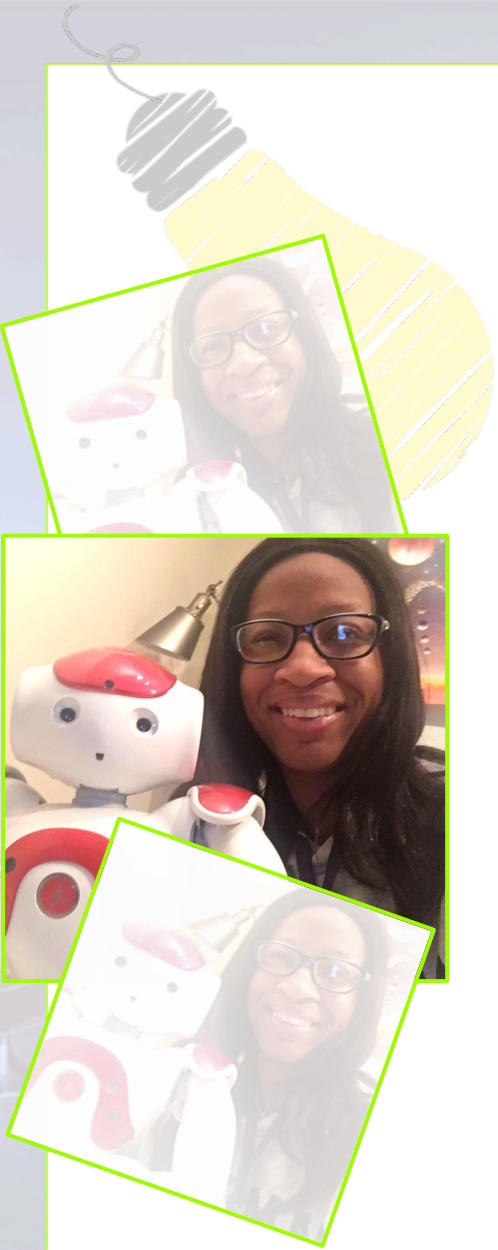
The Live Connect STEM Truck

Summer 2018

Impact Report

Bringing the STEM classroom to you!





In today's technological-focused society, children are surrounded by technologies we never dreamed to be possible a decade ago. It is of outmost importance technology plays a role in education. Many students in rural South Carolina have zero access to Science, Technology, Engineering, and Math (STEM) education and resources. They are missing out on experiences that increase college and career readiness and access to STEM careers. Geographically, these students lack access to STEM venues (i.e., museums, educational attractions) and opportunities (i.e., conferences, mentorship from local professionals) as these require for students to travel to larger communities.

It is inevitable that STEM education is an effective way to increase student performance and prepare students to compete in the global economy. The STEM Truck is here to help!

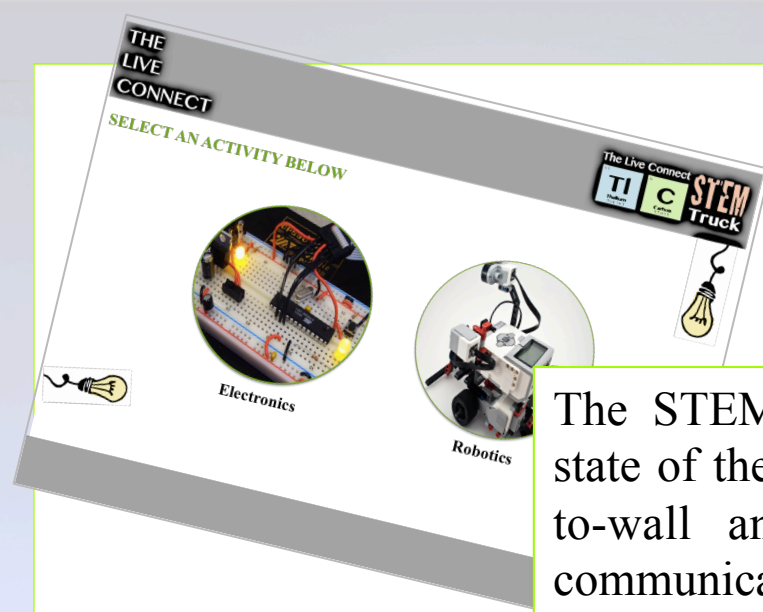
STEM Truck is a mobile classroom that delivers STEM education to students who have zero [or limited] access to STEM education and resources. The truck will travel to different schools and communities to serve these students. We will work with schools/programs to bring talent, expertise, materials, and resources to eliminate the burden of the schools/programs to provide these things. This exposure and experience will unlock untapped potential for the students and educators involved!

Our formula is simple, $e^3 = \text{Expose} + \text{Educate} + \text{Engage}$

Sincerely,



Dr. Karina Liles, Founder

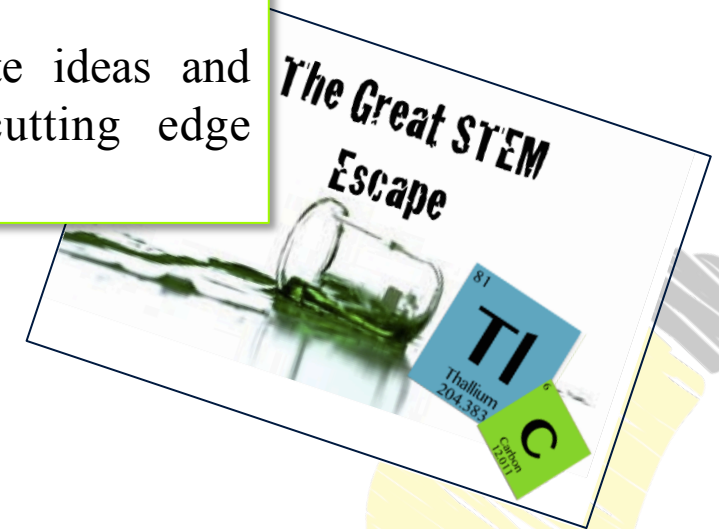


The STEM Truck contains dedicated workspaces and includes state of the art equipment for activities and floor-to-ceiling, wall-to-wall and desk-top white boards for documentation and communication for young innovators. It also houses a mini maker space that includes a LEGO wall and room for relaxation.

The innovation bar is a maker space to incubate ideas and creativity. Young innovators have access to cutting edge equipment such as robots and telepresence devices.



**Patricia Moore Henegan, District 54
House Representative made a STEM
Truck visit!**



STEM

TRUCK



EXPOSE

The STEM Truck launched in December 2017! We opened our doors to 50+ participants at Courthouse Square in Bennettsville, SC.

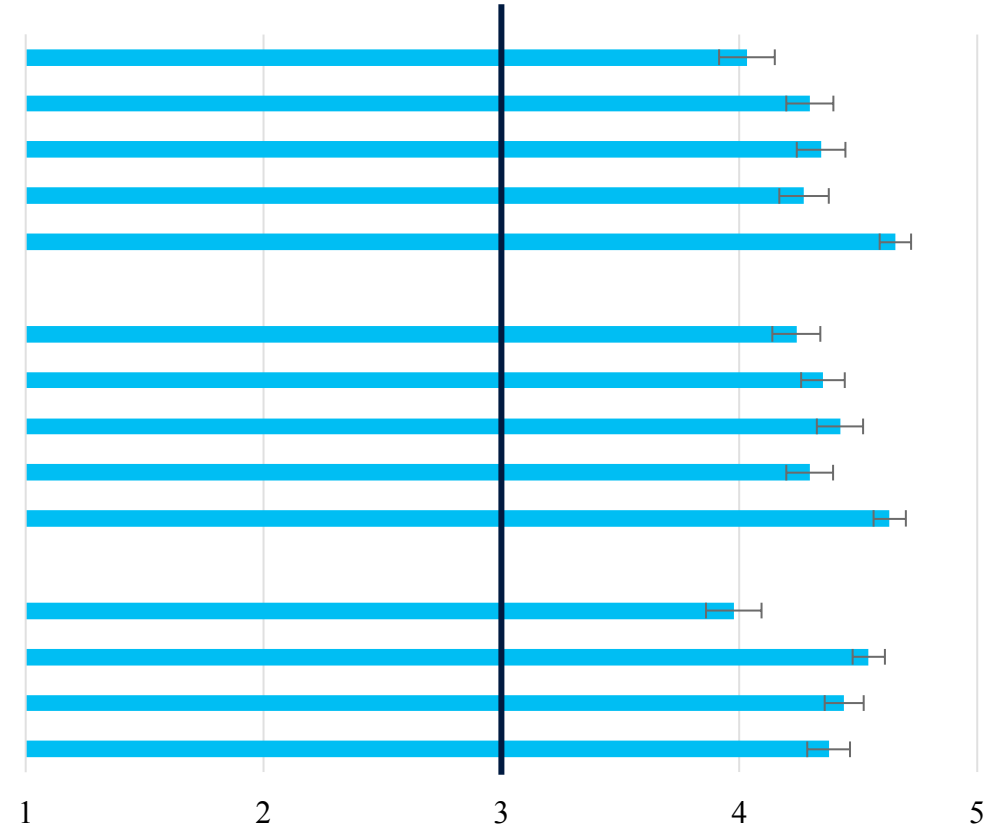


The STEM Truck and Innovation Bar increased my interest in...

...having a career in Math
 ...having a career in Engineering
 ...having a career in Technology
 ...having a career in Science
 ...having a career when I grow up

...studying Math in college
 ...studying Engineering in college
 ...studying Technology in college
 ...studying Science in college
 ...attending college

...Math
 ...Engineering
 ...Technology
 ...Science



Rating scale: 1 = Strongly disagree, 2 = Disagree, 3 = Neither agree nor disagree, 4 = Agree, 5 = Strongly agree



Total attendance **450+**

Timeline **Summer 2018**

Miles traveled **145**



Ask an expert

Coming soon
Ask an Expert

Young innovators will interact with our dedicated STEM experts who have committed to providing mentorship and their career insights!



Microsoft

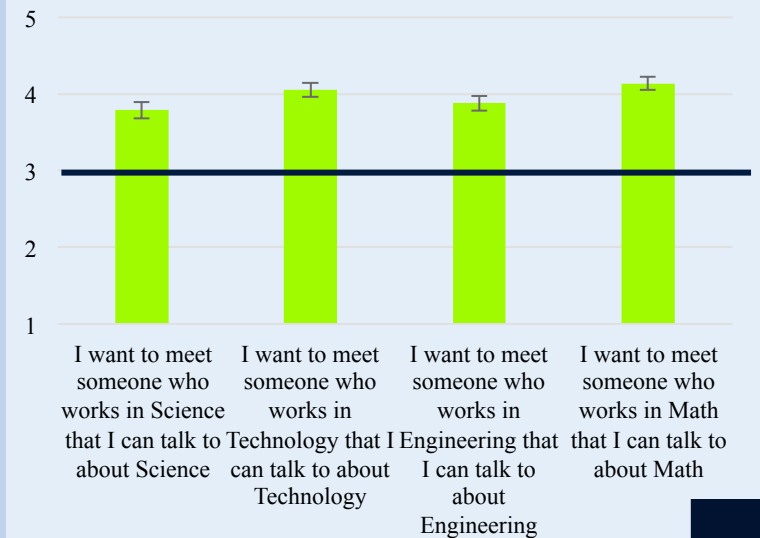


amazon



Google

We asked our young innovators...



STEM

TRUCK

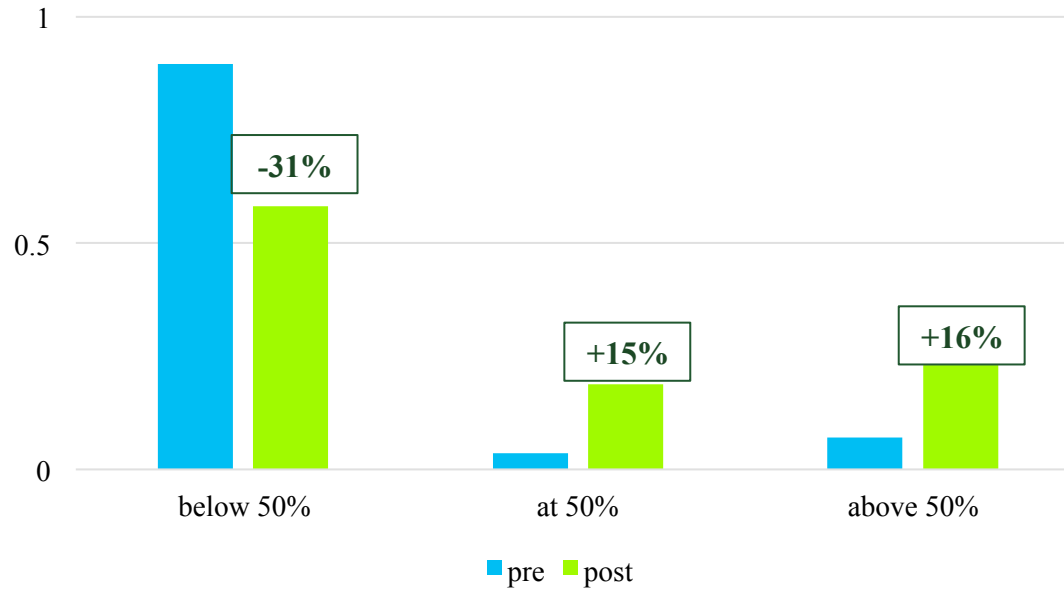


EDUCATE

correct items on pre-test **388**
correct items on post-test **666**

+278 correct items

Pre- vs. Post-test Scores



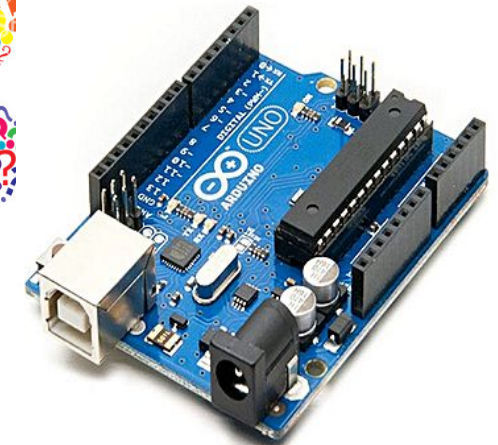
More young innovators scored at or above 50% on the post-test than the pre-test.
64% of young innovators showed improvement from the pre- to post-test!

42% score increase

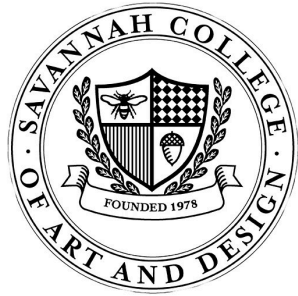


Take the quiz

Name this device



Our **STEM**Engineers included a team of high school and college interns!





ENGAGE

We asked our young innovators...

1. How much did you enjoy the activities that you completed today? Select the emoji that best describes how you feel.

Awful Not very good Okay Really good Fantastic

2. How well did you do in the activities that you completed today? Select the emoji that best describes how you think you did.

Awful Not very good Okay Really good Fantastic

Thank you



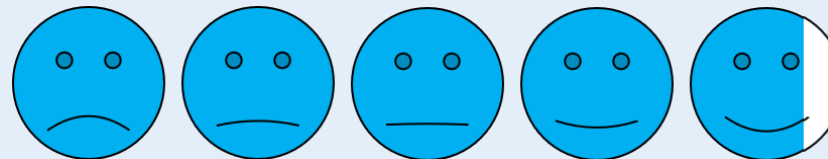
A sweet note from a young innovator

How much did you enjoy
the activities you completed today?



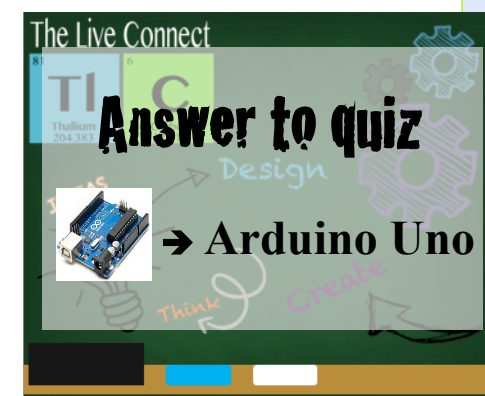
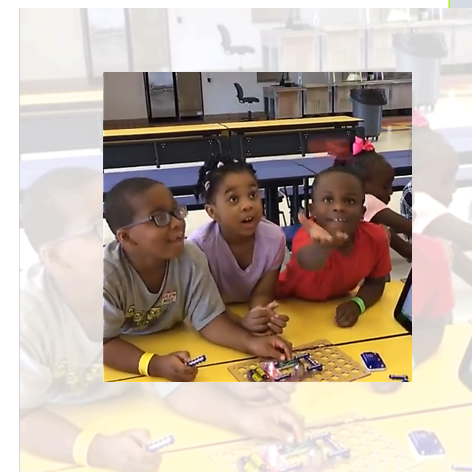
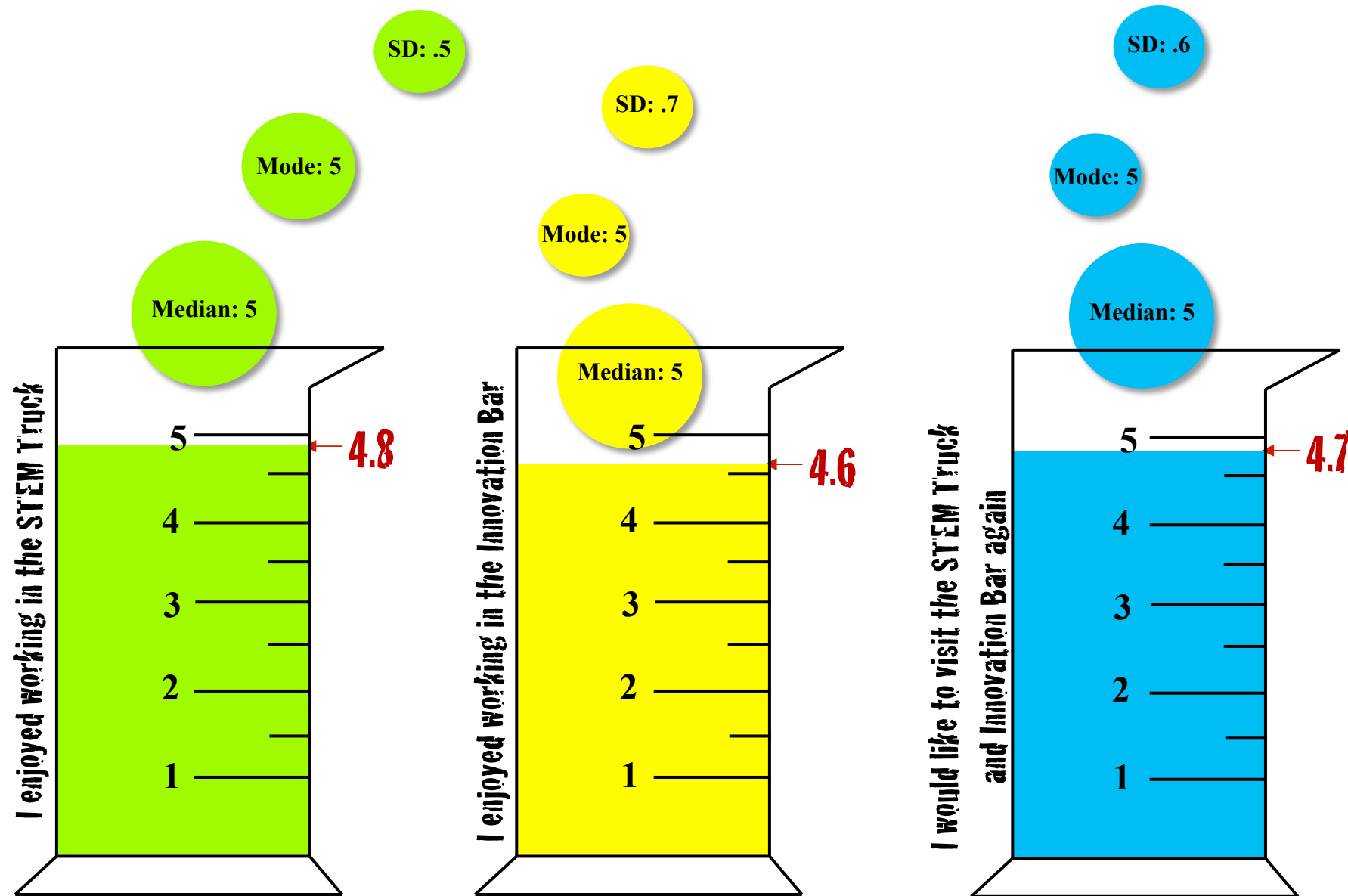
Mean: 4.8
Median: 5
Mode: 5
SD: 0.75

Mean: 4.6
Median: 5
Mode: 5
SD: 0.60

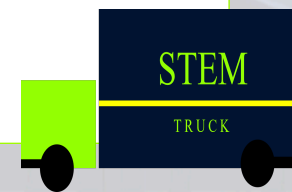


How well did you do
in the activities you completed today?

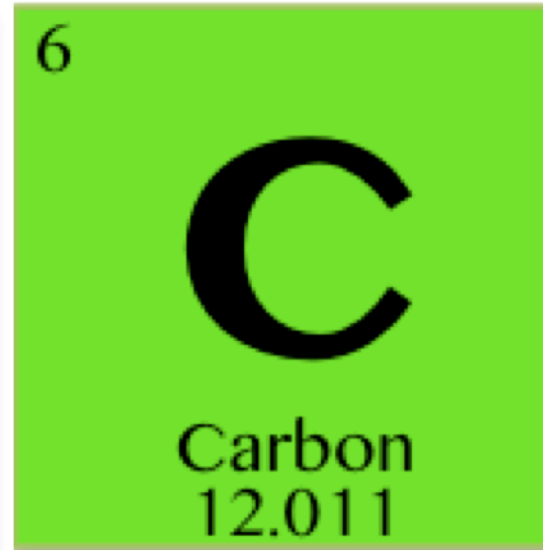
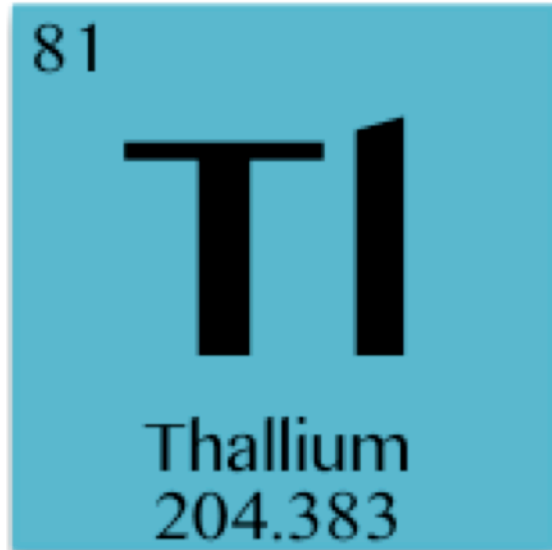




Rating scale: 1 = Strongly disagree, 2 = Disagree, 3 = Neither agree nor disagree, 4 = Agree, 5 = Strongly agree



The Live Connect



STEM TRUCK



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STEM Truck



[@stemtruck](https://www.instagram.com/stemtruck)



STEM Truck