

March - April 2023 GET City Updates



This monthly newsletter is created to inform parents of the different STEM activities their youth are participating in at the Boys and Girls Club through the GET City program.

GET City is a STEM program primarily for 6th and 7th grade students that focuses on three areas:

- Building STEM expertise
- Building STEM citizenship
- Educating others

What's being made?!

Climate change & Carbon footprint

Get City students investigated the amount of carbon we produced in the club and in our community. They identified all the energy sources and activities that cause carbon emissions, such as electricity (computers, lights), furniture, food, and people. They paid attention to the different energy sources in the club's rooms. They also calculated and created a graph of Get City's carbon footprint and think of possible actions that they can take to reduce their effect on the environment.

Carbon footprint is the total amount of greenhouse gases (including carbon dioxide and methane) that are generated by our actions



Our overarching goal is to better understand the particulars of how and why youth co-make in life-based and STEM-rich ways with families and communities, such that we can better infrastructure community-based maker programs in support of youth learning and well-being.

Questions? Contact:

Mez Perez
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GET City Spotlights

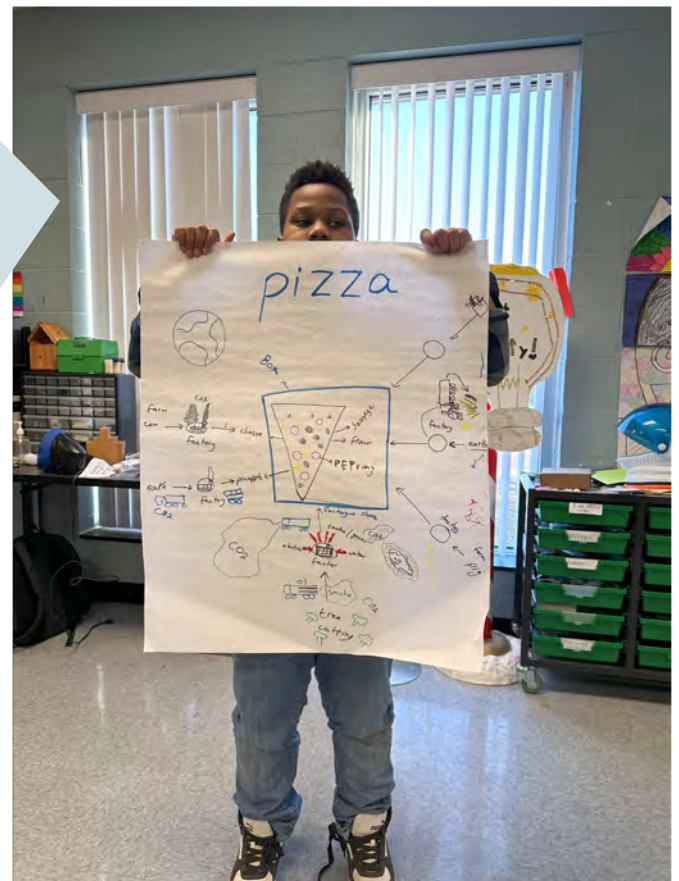


Divinity

"My carbon footprint is 26 ton, I was surprise to know that the average carbon footprint for a person in the United States is one of the **highest** rates in the world. I think we should take action to reduce the CO2 and keep our environment healthy"

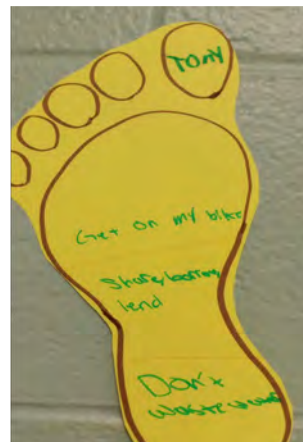
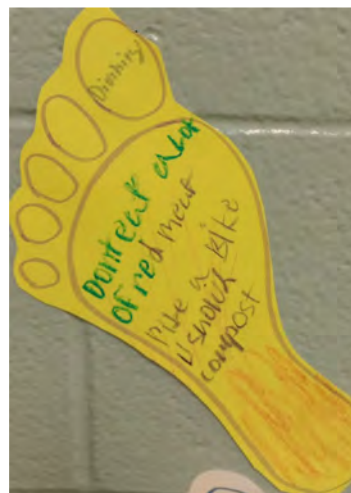
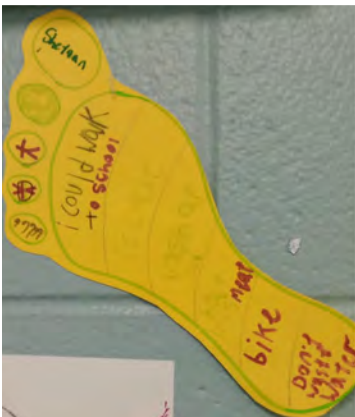
Kenneth - Pizza Story

I enjoy pizza with pepperoni, sausage, and pineapple. The pineapple comes from the ground, where it is picked and sent to a factory. There, it is cleaned, cut and shipped. This process causes Carbonation (carbon emissions). It's actually messing up the world as a cost. The pizza box also has a carbon footprint. It is made from trees that are cut down and taken to a factory. There, they are wetted, pressed into sheets, and folded into boxes. These are the world full of carbon. And well, it makes us hard to breathe.

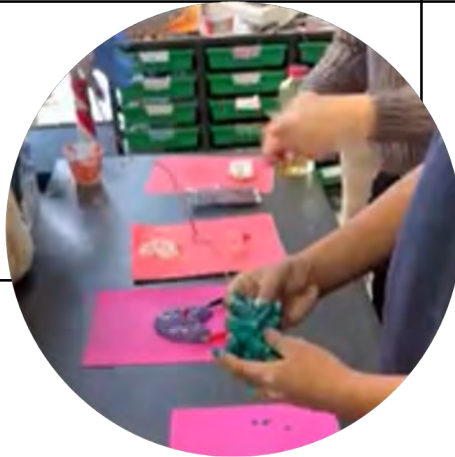


GET CITY IDEAS:

How we can reduce carbon emissions



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Electric Slime

Get City students come with amazing ideas such as testing out the conductivity of slime. As Christopher shared:

“Conductive slime can help the earth if we use renewable energy as the power source. If we make it, we can show other kids how to make fun things that can also be good for the environment.”

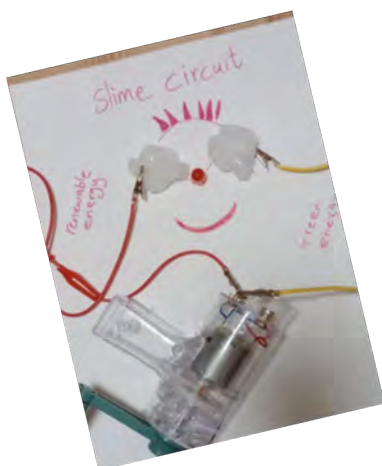


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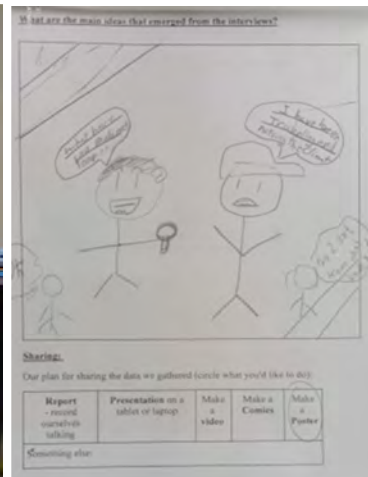
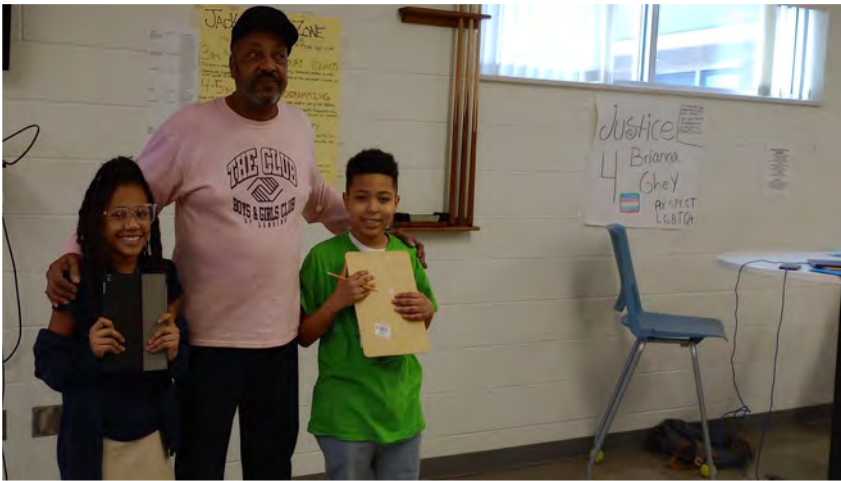


GET City Spotlights



Climate Change interview:

Get City students explored how changes in our **climate** are a consequence of our **actions**, and this affects the **places** we live in. They are interested in what people in our community think! They carried out interviews with different community members



Royalty and Aurora:

From these interviews, Royalty and Aurora gained insights from our long-time community members about how Michigan's climate has shifted over time. As Royalty said: "people shared with us that in the last 10 years, our summers have been extremely hotter. Where our summers reached over 100 degrees. It's becoming more and more frequent. Less snow in the winter, warmer winters. Hotter summers."

