Global Change Starts With ME (Math):
Project Guide

Entry Event:
"I'm a 12 year-old girl. Why don't the characters in my apps look like me?"

What are we doing and why?
Driving Question: How can we as global citizens, create engaging, data-based infographics so that we can inform and influence the actions of ourselves and our community on issues that matter to us?
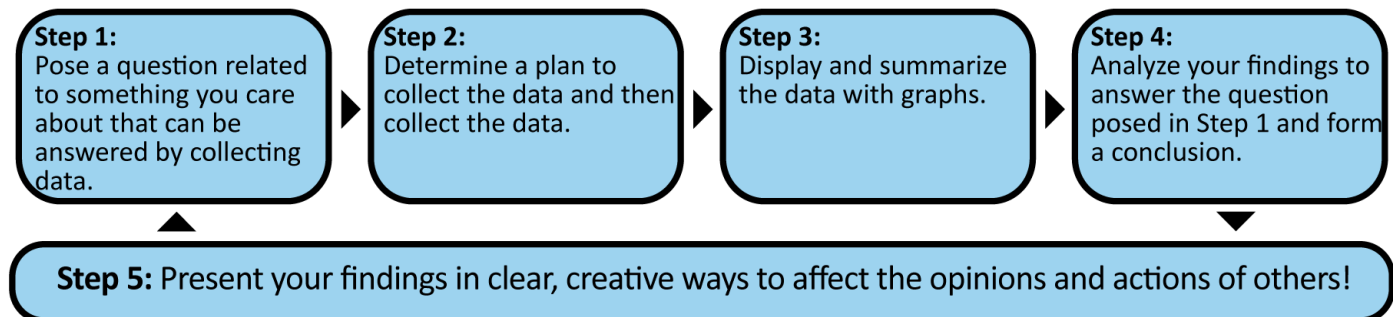
Part of being a global citizen is informing yourself and others of critical issues that impact our global community. We can collect and display data, explore observations, and form conclusions on an issue that we feel passionate about in order to inform and influence our own actions and the actions of others. Real change CAN happen—global change starts with ME!

What will I create?
I'll collect and use data to design an engaging **infographic** and analyze my data display using a **data summary**. I'll then use my findings to write a targeted **position piece**, in order to create real change on an issue that matters to me, as a global citizen. I'll create a 60 second elevator speech to present my message and inform my community. Maddie Messer's Op-Ed published in the Washington Post

How will we do it?
Statistics is about using data to answer questions. In this real-world project, you will:

Step 1:
Pose a question related to something you care about that can be answered by collecting data.

Step 2:
Determine a plan to collect the data and then collect the data.

Step 3:
Display and summarize the data with graphs.

Step 4:
Analyze your findings to answer the question posed in Step 1 and form a conclusion.

Step 5: Present your findings in clear, creative ways to affect the opinions and actions of others!

How will I present this?
You'll present this in several ways: First, as a 60 second "elevator speech," sharing your infographic, findings, and call to action. Secondly, you'll present this as part of your final expo night, to your family. Thirdly, you'll be submitting your findings and position piece to an authentic audience, such as your congressmen or local paper, which could then share it with the entire world!

How will you assess me to figure out what I've learned?
You'll be assessed using a standards-based rubric that covers everything from our statistics content to critical thinking. Check out the project page in Haiku for the actual rubric.

When is each step due?
Each step will be submitted in pieces, over the course of the project. This way you won't ever feel too overwhelmed and can get feedback from your peers using the "Critical Friends" framework. Check out the project page in Haiku for a living calendar.