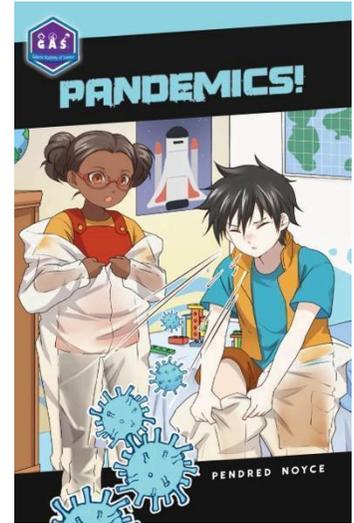# Summer 2024 Data Detectives Club program opportunity

Data Detectives Clubs, funded by the National Science Foundation, provide data activities and challenges built around a science adventure novel titled *Pandemics!* In the novel, two middle school students travel through time and space under the guidance of a teenager from the future to learn about epidemics of the past and present. The characters learn about measles, smallpox, Ebola, COVID, and more, as they visit places including Ohio, the Congo, Bangladesh, and Navajo Nation.

Each of the chapters is accompanied by hand-on activities such as exploring real-world disease data in a fun online data analysis tool, a card game to show how a disease can spread from animals to humans, and a game to simulate the effects of vaccination on disease spread.
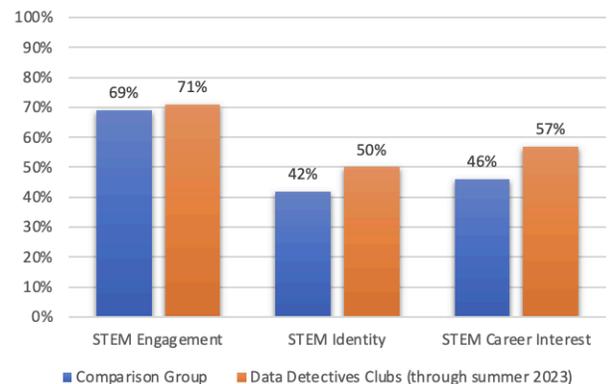
The project has engaged over 1,000 youth through more than 60 Data Detectives Clubs over three years. The impact data shows significant positive program impact across all outcomes.

Implementation considerations:

- The project targets youth in Grades 5–8. Each Club must have a minimum of **six** participants.
- There are **two versions** of the Club to choose from: One that is shorter and focuses on COVID and data (**7–10 hours**, plus reading) and one that is longer and adds in additional infectious diseases (**12–15 hours**, plus reading).
- Participants need to attend consistently (no drop ins).
- Computer and internet access is required for implementation (one computer per participant or participant pair).
- Sites that are selected will need to attend **four hours of virtual program leader training** (scheduled June 5th, 3–5 pm ET & June 12th, 3–5 pm ET) *at no cost.*
- Sites will receive a stipend of **$1,500** per Club completed.
- Books for participants are provided.
- Participating youth need to fill out a post-Club survey (results shared with project staff)

Percentage of Youth Showing Pre to Post Program Growth

Outcome	Comparison Group	Data Detectives Clubs (through summer 2023)
STEM Engagement	69%	71%
STEM Identity	42%	50%
STEM Career Interest	46%	57%

To apply to host a Data Detectives Club this summer, please fill out the following form **by May 17th:**

http://bit.ly/DDSum24apply   (*or scan the QR code*)

For additional information, please contact Jacob Sagrans, Data Detectives Project Manager, at jacob@tumblehomelearning.com