While the Covid-19 pandemic has fallen heavily on young people, disrupting their education and threatening their families, it has also provided an opportunity for youth to learn about data in ways that are personally relevant and even empowering. The **CIDSEE (Covid-Inspired Data Science Education through Epidemiology)** project captures that opportunity with a Data Detectives Club program that increases youth understanding of data principles and epidemiological science.

Data Detectives Clubs provide data activities, discussion and challenges built around a science adventure novel, *The Case of the Covid Crisis*. 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, Pittsburgh, the Congo, Bangladesh, Navajo Nation, and Washington, DC.

Each of the ten chapters is accompanied by a set of questions for discussion, data-related activities and a podcast of the characters discussing data and emotional or ethical aspects of the pandemic. Club sessions often include a visit from various data or epidemiology professionals or a brief animated video illustrating aspects of the science of viruses and vaccines. Each club will culminate with youth designing and presenting data-based Public Service Announcements to a community audience of their choosing.

Over the next two years, partners within the National Imagine Science network will have the opportunity to implement Data Detectives Clubs. The project aligns with Imagine Science priorities to target underserved and unrepresented youth in Grades 4-8. Program implementation takes 15-20 hours and can be in-person, virtual, or hybrid. Implementation support includes funding for Clubs, staff training, and supply kits with program materials and copies of *The Case of the COVID Crisis*.

CIDSEE is a partnership of Science Education Solutions (lead organization, curriculum development and training), Tumblehome (materials development and research), the Concord Consortium (data tools), STEM Next/Imagine Science (implementation partner), Strategic Learning Partners for Innovation (evaluation), PEAR (evaluation), and the Jackson Laboratory (video development and mentors). The three-year project launched March 1, 2021, with funding from the National Science Foundation.

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