

Attachment A

National Center for Health Statistics (NCHS)

Data Detectives Summer Camp Brochure

We will be accepting applications Month/Day/Year

Program Overview

NCHS Data Detectives Camp is a summer STEM (science, technology, engineering and math) camp focusing on statistics for rising 6th and 7th grade students. This one-week commuter day camp is an exciting opportunity for boys and girls to learn about statistics through a variety of fun, hands-on activities!

Statistics and probability concepts are included in K-12 curriculum standards, in particular the Common Core State Standards. This camp will offer children an opportunity to learn new statistical concepts and reinforce concepts they have already learned through fun, hands-on group activities.

NCHS Data Detectives Camp activities will specifically cover statistical concepts developed during 6th and 7th grade and will teach kids to think like a Data Detective – asking the right question, collecting the needed information, analyzing the data, and determining the answer.

- Don't Spill the Beans! Which hand can hold more beans, your dominant hand, or your non-dominant hand?
- Bubble Trouble! Determine if the size of a bubble blown in water is affected by different additions to the water
- What is the Probability of "Pigging Out"? - use a 'dice' game to design a simulation experiment in order to estimate a probability.

Program Dates

Monday, Month/Day/Year – Friday Month/Day/Year

8:45 am – 4:00 pm

Camp Location: The camp will be held on the University of Maryland campus in College Park, Maryland. [Link to website here.](#)

Program Details

Please note that parents/guardians must provide transportation to and from campus. Campers must bring their own lunch, though snacks are provided throughout the day. Unfortunately, at this time, we are unable to offer before- or after-care for campers.

Cost

There is no cost associated with attending the NCHS Data Detectives Camp, but campers will need to pay for or bring their own lunches.

NOTE: We do not recommend that children who attended the camp last year apply again, since this year's camp will repeat many of the exercises and activities from last year.

Program Application Package

- [Online Application Forms \(Student/Parent\)](#)

There are two online application forms to be completed, one by the student and another by the student's parent. (Paper forms are available upon request.)

- [Teacher Recommendation Form](#)

This should be completed by a current math teacher. If this is not possible (e.g., due to home-schooling), another teacher or adult besides the child's parent may complete the recommendation form. This may also be completed by a Kumon or Mathnasium Lead Instructor.

The application deadline (including receipt of the recommendation form) is Month/Day/Year.

Decisions will be emailed on Month/Day/Year.

Incomplete applications will not be considered. A confirmation email will be sent when the application package is complete.

Contact Information

Email: datadetectives@cdc.gov