

# Data Detectives

**Ages:** 4–11 (Pre-K–Grade 5)

**Duration:** 20 minutes

**Materials needed:**

- Paper
- Pencil
- Found objects in your home

**Procedure:**

**1. Find a collection of objects around you.**

A good source of data is a collection, or group of things that have something in common. Do you have a collection that you can use to represent data? Examples of common household collections: spoons, forks, things that you use for eating and drinking, books, DVDs, chairs, jackets, pens, pencils, crayons, markers, socks, hats. You may have your own collections already of rocks, shells, toys, baseball cards, stamps, Pokemon cards, action figures, dolls, or games.

**2. Gather data, or information, about one collection of objects.**

- How many total objects are in the collection?
- How many different sizes are represented?
- How many shapes are represented?
- Are the objects made of different materials or are they all the same material?
- Do you use these objects for different purposes?
- How can you categorize, or group, your collection in different ways?
- What other data can you gather about your collection to share?

**Share your work:**

Take a photo of your collection and post it to Instagram using the hashtags #MuseumFromHome and #NaturalistsJourney, and tag the Hudson River Museum.

