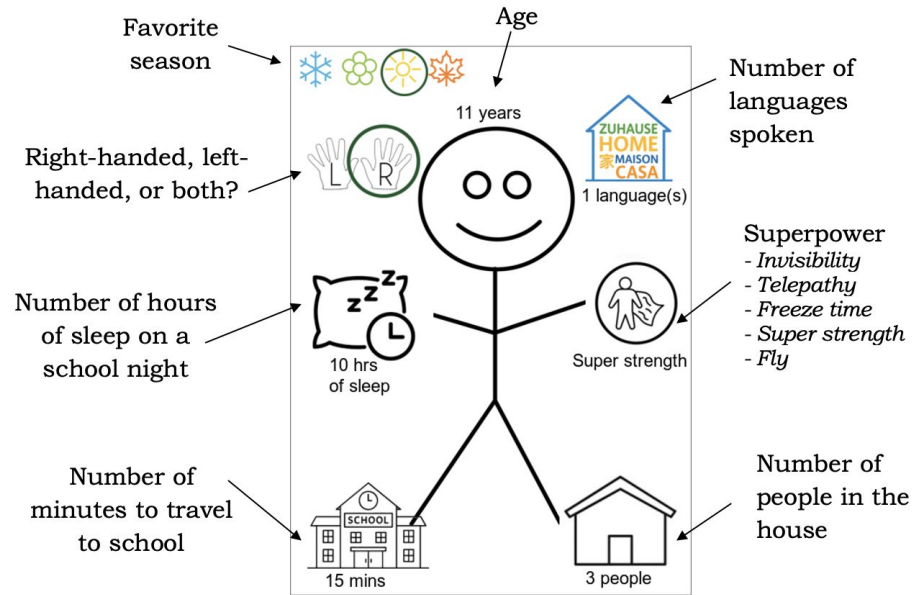


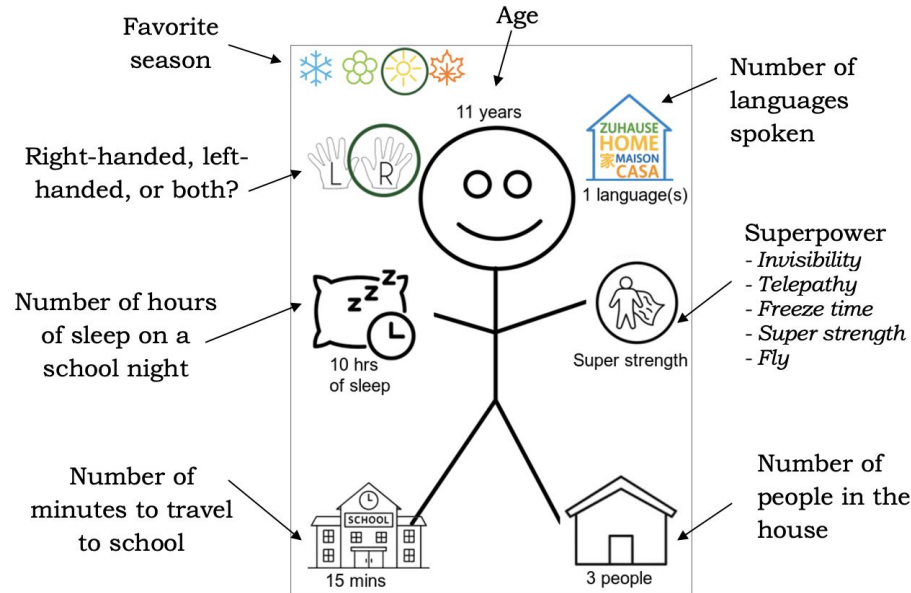
Sorting Data Cards



Adapted from Fergusson (2024) and Lee (2025)

Complete a Data Card

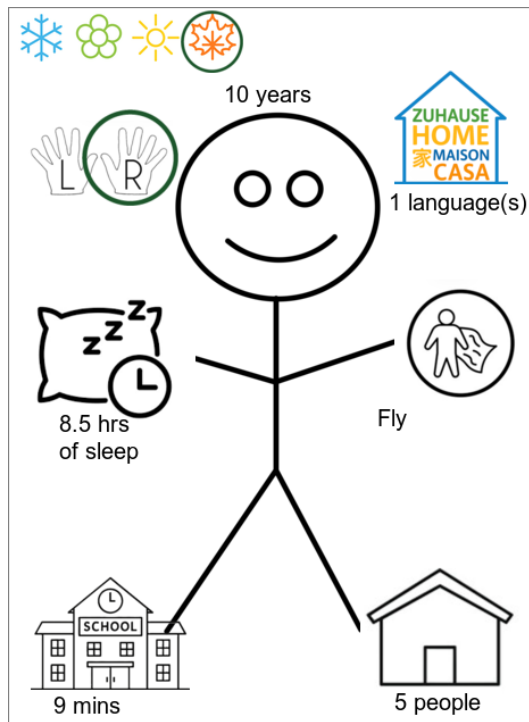
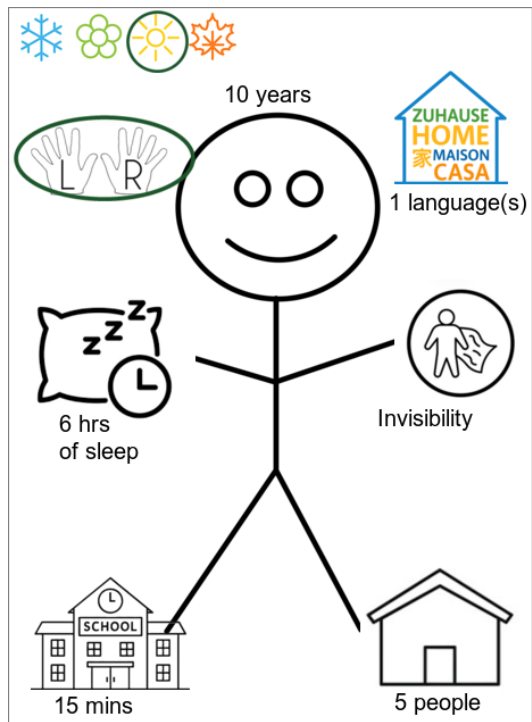
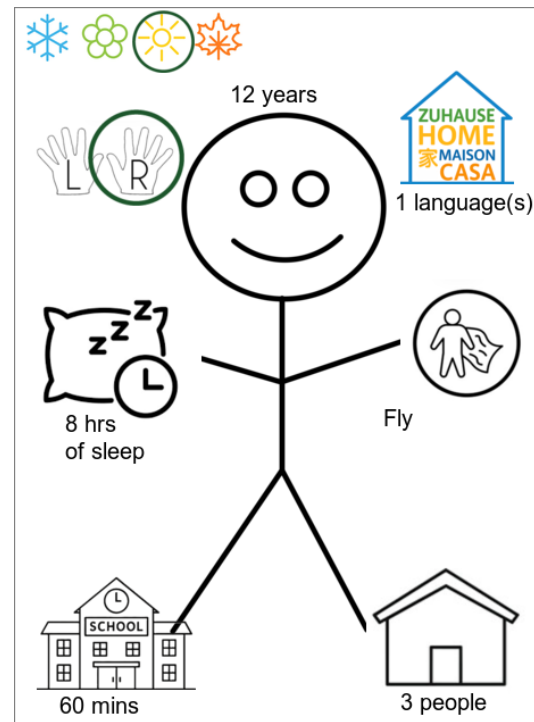
Grab a **blank data card** and fill in your information. The data card legend and a sample data card are below.



What is the structure of data and what is being measured about each unit of study?

Sample of 3 Data Cards

What do you know about these students from their data card?



Sorting Data Cards Task

Each group has the same **25 sample data cards**. Each card represents one student from a random sample of 25 fourth- and fifth-grade students in the United States, based on their responses to the U.S. Census at School Survey (American Statistical Association, n.d.).

Questions:

1. What do you notice? What do you wonder?
2. Cut out and arrange the cards in way to tell a story about one or more characteristics of the students. Write a few sentences explaining how you arranged the cards and why you choose that arrangement.

What do you notice? What do you wonder?



Arrange the cards to tell a story



References

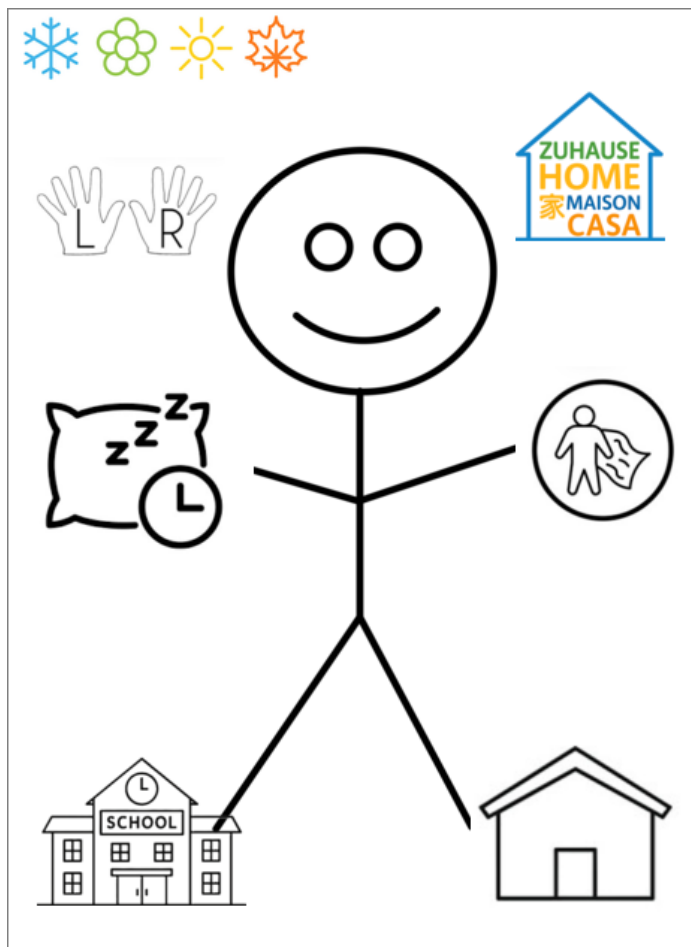
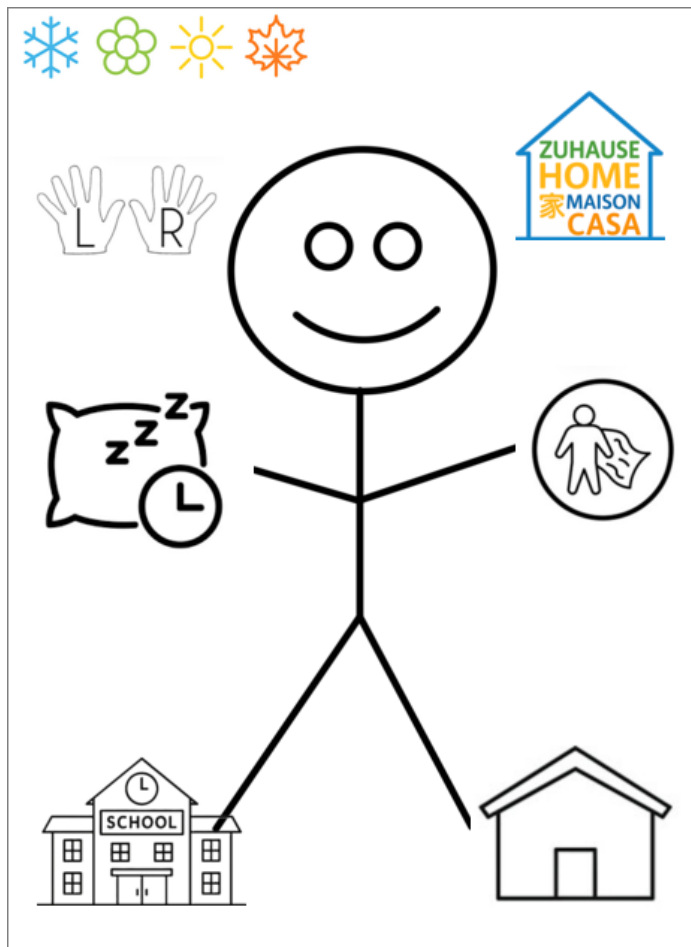
Lee, H. S. (2025, June 1). *Introduction to U.S. Census at Schools Data Cards* [Teaching Materials]. Department of STEM Education, NC State University.

Fergusson, A. (2024). *Stick Figure Data Cards*. CensusAtSchool New Zealand.

American Statistical Association. (n.d.). *Census at School – United States*.

Blank Data Cards

Make as many copies as you need for your class



Sample of 25 Data Cards

These data cards are the same ones shown on the slides. Make single side copies of the data cards below. Distribute a set of 25 to small groups (2-3 learners) so they can cut out and physically arrange the data cards for the activity.

