

4565: Computing Foundations for a Digital Age

Unit 4

Day 8: “Data in the Wild” Mini Project Worksheet

Name(s): _____

Date: _____

Step 1: Choose Your Data Question

- ☐ Pick one question to investigate or create your own:
 - ☐ What is the most popular snack in class?
 - ☐ Which hallway has the strongest Wi-Fi?
 - ☐ What is the most used app during lunch?
 - ☐ Most common shoe brand in class
 - ☐ Average backpack weight
 - ☐ Best seat in the cafeteria
 - ☐ Most popular after-school activity
 - ☐ Classroom temperature comparison
 - ☐ Music preferences by grade
 - ☐ Pencil vs. pen usage
 - ☐ Handedness study (right-handed vs. left-handed)
 - ☐ Fastest water fountain in school
 - ☐ Favorite subject survey
 - ☐ **My own question:** _____
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Step 2: Plan Your Data Collection

How will you collect your data? (Check one or more)

- ☐ Google Form survey
- ☐ Tally marks or observation
- ☐ Interview or discussion
- ☐ Other: _____

How many people/data points will you collect?

- ☐ _____ responses or measurements
-

Step 3: Collect & Clean Your Data

Use this space or attach a spreadsheet to record raw data:

Category	Count/Measurement

Data Cleaning Checklist:

- ☐ No missing values
 - ☐ Consistent formatting (e.g., "Chips" vs. "chips")
 - ☐ Removed duplicate or incorrect responses
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Step 4: Visualize Your Data

Create a chart or graph to display your results. You may use Google Sheets or draw below.

Type of Chart:

- ☐ Bar Graph
- ☐ Pie Chart
- ☐ Line Graph
- ☐ Other: _____

(Attach separately if digital)

Label: _____	Label: _____
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Step 5: Analyze & Reflect

- What did you learn from your data?

- Were there any surprises or patterns?

- What could improve your data collection process next time?
