

How to use this slide deck

- Hidden slides are teacher notes
- Speaker notes include details on data being used in that lesson



DEAR DATA

A Year-Long Data Collection and
Visualization Project!

WHAT IS DEAR DATA?

Dear Data was a pen-pal project between Giorgia Lupi and Stefanie Posavec. They took stock of their daily lives by creating postcards that displayed the data they collected from their day-to-day in a fun, visually different way.



WHAT ARE THE BENEFITS?

Allow students to engage and analyze data in unique ways.

Encourage students to show how they view data through art.

Helps the development of data literacy and basic science skills (collecting, analyzing, and visualizing data)



WEEK 29

Day 1: Exploring the Data

- ✗ **Task:** Complete the survey asking about your favorite things.

Day 2: Brainstorming Visualization

- ✗ **Group Discussion:** With your group, dig through the data. What patterns do you notice?
- ✗ **Activity:** Begin creating a visualization with on your own based on the data.

Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish your visualization of the data.

Day 5: Gallery Walk

- ✗ **Activity:** Walk around the room and observe the different data visualizations created by another class.
- ✗ **Reflection:**
 - ✗ What do you notice or wonder about the visualizations?
 - ✗ What questions arise from viewing the data in different ways



WEEK 30

Day 1: Exploring the Data

- ✗ **Task:** Look at the data table titled “School Food Waste”. Be ready to share your observations.
- ✗ **Discussion:** Share your observations with your group. What patterns do you see?

Day 2: Brainstorming Visualization

- ✗ **Group Discussion:** How can we visualize this data in a non-standard way?
- ✗ **Activity:** Begin creating a visualization with on your own based on the data.

Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish your visualization of the data.

Day 5: Gallery Walk

- ✗ **Activity:** Walk around the room and observe the different data visualizations created by another class.
- ✗ **Reflection:**
 - ✗ What do you notice or wonder about the visualizations?
 - ✗ What questions arise from viewing the data in different ways



WEEK 31

Day 1: Exploring the Data

- ✗ **Task:** View the “River Trash Data” on your own. Be ready to share your observations.
- ✗ **Discussion:** Discuss with your group - What patterns do you see?

Day 2: Brainstorming Visualization

- ✗ **Group Discussion:** How can we visualize this data in a non-standard way?
- ✗ **Activity:** Begin creating a visualization with on your own based on the data.

Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish your visualization of the data.

Day 5: Gallery Walk

- ✗ **Activity:** Walk around the room and observe the different data visualizations created by another class.
- ✗ **Reflection:**
 - ✗ What do you notice or wonder about the visualizations?
 - ✗ What questions arise from viewing the data in different ways



WEEK 32

Day 1: Exploring the Data

- ✗ **Task:** View the “River Turtle Data” on your own. Be ready to share your observations.
- ✗ **Discussion:** Discuss with your group - What patterns do you see?

Day 2: Brainstorming Visualization

- ✗ **Group Discussion:** How can we visualize this data in a non-standard way?
- ✗ **Activity:** Begin creating a visualization with on your own based on the data.

Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish your visualization of the data.

Day 5: Gallery Walk

- ✗ **Activity:** Walk around the room and observe the different data visualizations created by another class.
- ✗ **Reflection:**
 - ✗ What do you notice or wonder about the visualizations?
 - ✗ What questions arise from viewing the data in different ways



WEEK 34

Day 1: Exploring the Data

- ✗ **Task:** With your group, look through the bag of food trash you have received again.
- ✗ **Discussion:** Discuss with your group - What new patterns do you see?

Day 2: Brainstorming Visualization

- ✗ **Task:** Decide what data you would like to collect and begin collecting your data (it should be different from the previous week)

Day 4: Finalizing Visualizations

- ✗ **Task:** Finish collecting your data.
- ✗ **Activity:** Begin visualizing your data.

Day 5: Gallery Walk

- ✗ **Activity:** Finish visualizing your data.



WEEK 35

Day 1: Exploring the Data

- ✗ **Activity:** Each student presents their favorite data visualization project from the term.

Day 2: Continuation and Feedback

- ✗ **Activity:** Continue presentations if needed.
- ✗ **Feedback:** Provide constructive feedback and celebrate the students' work.

Day 3: Final Review Session

- ✗ **Activity:** Summarize key concepts learned throughout the term.

