

# How to use this slide deck

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



## 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 10

## Day 1: Exploring the Data

- ✗ **Task:** On the poster titled “Shoe Color”, place a tally under the color of your MAIN shoe color.
- ✗ **Discussion:** Observe the data. 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 your group based on the discussed ideas.

## Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish and polish your visualizations.

## Day 5: Gallery Walk

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



# WEEK 11

## Day 1: Exploring the Data

- ✗ **Task:** Look at the lunch calendar for our school for this month.
- ✗ **Discussion:** 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 your group based on the discussed ideas.

## Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish and polish your visualizations.

## Day 5: Gallery Walk

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





# WEEK 12

## Day 1: Exploring the Data

- ✗ **Task:** On the poster titled, “Our Pets” place a tally in the appropriate column. If you have multiple pets, place a tally for EACH pet. (Ex. I have 2 dogs, so I would place 2 tally marks under dog).
- ✗ **Discussion:** Observe the data. 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 your group based on the discussed ideas.

## Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish and polish your visualizations.

## Day 5: Gallery Walk

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



# WEEK 13

## Day 1: Exploring the Data

- ✗ **Task:** Review the step data posted.
- ✗ **Discussion:** Observe the data. 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 your group based on the discussed ideas.

## Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish and polish your visualizations.

## Day 5: Gallery Walk

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



# WEEK 14

## Day 1: Exploring the Data

- ✗ **Task:** On the poster titled “Movie Genres” place a tally under your favorite movie genre. If necessary, look up your movie to find the genre.
- ✗ **Discussion:** Observe the data. 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 your group based on the discussed ideas.

## Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish and polish your visualizations.

## Day 5: Gallery Walk

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



# WEEK 15

## Day 1: Exploring the Data

- ✗ **Task:** With your group, sort through the bag of trash on your table.
- ✗ **Discussion:** What data should you collect?

## Day 2: Brainstorming Visualization

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

## Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish and polish your visualizations.

## Day 5: Gallery Walk

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



# WEEK 16

## Day 1: Exploring the Data

- ✗ **Task:** With your group, sort through the bag of trash on your table.
- ✗ **Discussion:** What data should you collect? (Try to collect data different from last week!)

## Day 2: Brainstorming Visualization

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

## Day 4: Finalizing Visualizations

- ✗ **Activity:** Finish and polish your visualizations.

## Day 5: Gallery Walk

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





# WEEK 18

## Day 1: Exploring the Data

- ✗ **Task:** Choose a set of data you would like to collect either from your home or from the classroom. It is your job to make sure that you are capturing your data accurately.
- ✗ **Discussion:** Share with your group what data you will collect and how you will collect it.

## Day 2: Brainstorming Visualization

- ✗ **Activity:** Begin collecting data and creating a visualization based on the data you chose..

## Day 4: Continue Visualizations

- ✗ **Activity:** Finish collecting your data and work towards completing your data visualization.

## Day 5: Finish Visualizations

- ✗ **Activity:** Complete your visualizations and be ready to turn them in!



# WEEK 18

## Day 1: Group presentations

- ✘ **Activity:** Present your data visualization to your group.

## Day 2: Class Presentations

- ✘ **Activity:** A few students will be chosen to present their data to the class.

## Day 3: Class Presentations

- ✘ **Activity:** A few students will be chosen to present their data to the class.

