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!

Quarter 4

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 33

Day 1: Exploring the Data

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

Day 2: Brainstorming Visualization

- ✗ **Task:** Decide what data you would like to collect and begin collecting your data.

Day 4: Finalizing Visualizations

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

Day 5: Gallery Walk

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

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.