

Data Visualization Project #2 Surveys

Objective: Create a survey to collect data. Analyze results.

New Tool: Google Forms

Data Visualization: Pie Chart

Day 1: Survey Brainstorm

Students discussed what kind of information can be collected from surveys and why people take surveys. They talked about what makes a survey question “good” or “bad.” Students came to the conclusion that a good survey question asks for an opinion and has no right or wrong answer. They proceeded to come up with lots of silly examples of good and bad questions, such as “how many feet do you have?” and “if you could, would you want to have a pet alligator, frog, or alien?”

Each student then chose a topic for their survey and brainstormed four questions with four answer choices each.

Day 2: Google Forms

Students learned how to create a Google Form and use different features on the tool. Students typed their surveys from their brainstorm on day 1 into their Google Forms and set all of the necessary settings.

Day 3: Send Surveys & Take Classmates’ Surveys

Students started the day with a final edit of their survey. Then, they learned how to send a survey to multiple recipients. Finally, they spent the rest of the class time taking their classmates’ surveys.

Day 4: Results!

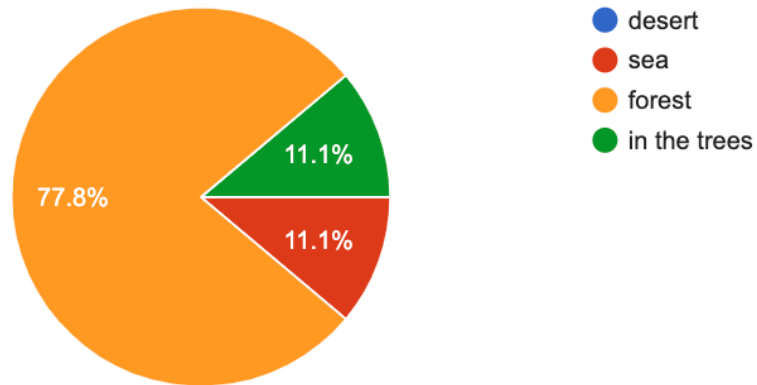
We began with a lesson on percentages so that students could fully understand the pie charts that they would see summarizing their survey responses.

Before seeing the responses, students made a prediction about what they would see in the results. Finally, students dove into the responses. They each gave a short presentation to the class explaining their survey results and pointing out any results that surprised them.

Check out a sample of some of the students’ results below!

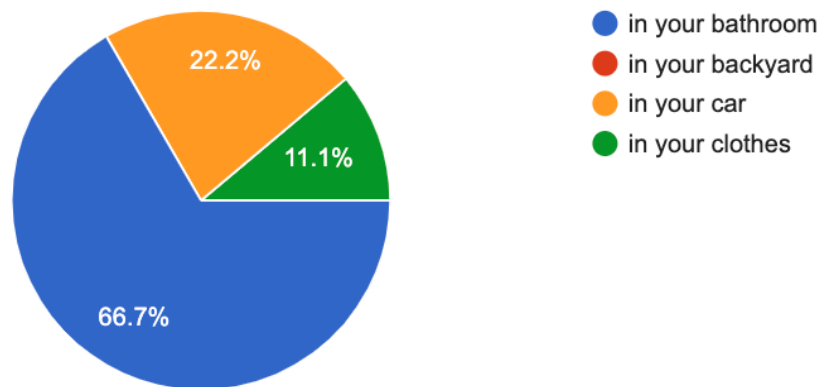
what place would you want to see wild animals?

9 responses



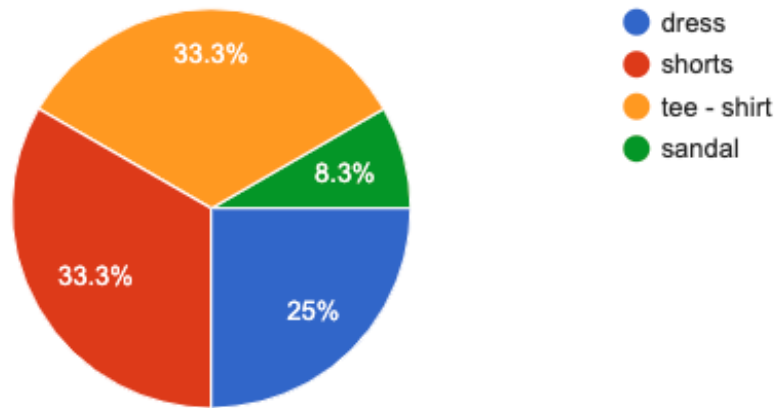
what place would you not want to see wild animals?

9 responses



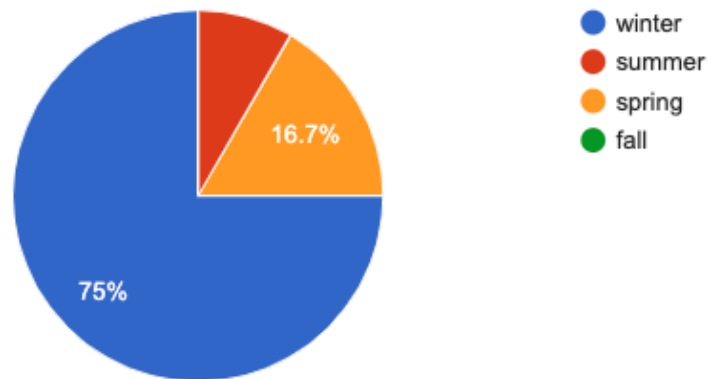
What's your favorite clothes to wear in the summer?

12 responses



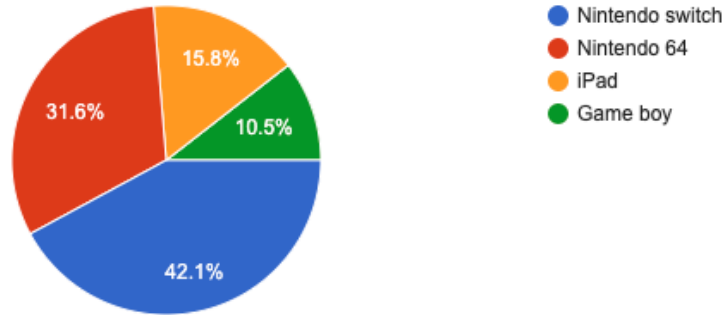
What's your least favorite season?

12 responses



what is your favorite video game console?

38 responses



if you were an ice sculptor, what animal would you sculpt?

10 responses

