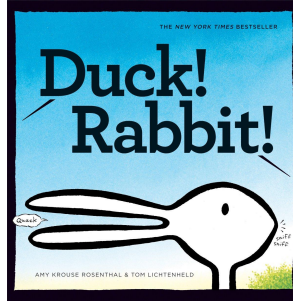


What Do You See?



Task

How many students in our class saw a duck?

Standards and Learning Targets

Standard 1.MD.4 Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

Learning Target: Organize, represent, and interpret data with two categories

Lesson Outline

Launch: Give each student a sticky note. Tell them you are going to show them a picture and you want them to write down if they see a duck or a rabbit. Have each student share what they wrote. Then ask, how many of us saw a duck? How many saw a rabbit? Discuss that we can't answer that question because we didn't record what each person said. Collect the sticky notes and put them on the board (take a picture of them and put them under the document camera to make it more accessible to students). Ask students to work with a partner to figure out a way to organize our data to answer the question, How many students in our class saw a duck?

[What Do You See? Recording Sheet](#)

Explore: Give each pair or small group a sheet of plain paper. Give students time to organize, represent, and interpret the data however their group decides. As they work, ask them questions about how they organized the responses, how they know they

included everyone in the class, and how many students chose duck or rabbit. Some students might make tally marks and some might make a list of names of people who picked duck and rabbit in a T chart.

Summarize: Ask students to share their charts and explain how they know they included everyone. Talk about what makes each group's chart easy to read. Then model how to create a tally chart. You could do this with data you've collected, or gather data from familiar faces around the school like your principal and specialty teachers.

Read *Duck! Rabbit!* by Amy Krouse Rosenthal to the class.

Extension Idea: Use the Duck or Rabbit Tally Recording Sheet to have students ask 10 people and record their findings.

Thank you for using one of our Picture Book Tasks! We would love to know more about your students' strategies when solving the problem, ideas you had for improving the task, and other math problems you and your students noticed or wondered about after reading the book.

Please complete our [Picture Book Task Survey](#) so that we can learn more about your experience teaching, how students solve problems, and improve our Picture Book Task Bank.