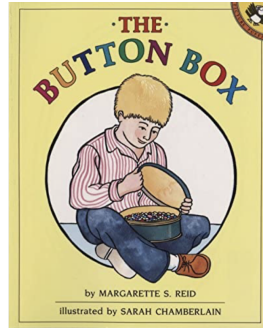


Sorting Buttons



Task

How many ways can our class sort buttons?

Standards and Learning Targets

Standard K.MD.3 Classify objects into given categories; count the numbers of objects in each category and sort the categories by count. Limit the category counts to less than or equal to 10.

Learning Target: Organize and sort objects into two or more categories.

Lesson Outline

Anticipate Strategies: Before you begin this lesson, be sure to anticipate the ways your students might sort the buttons using the [Picture Book Problem Monitoring Chart](#).

Launch: Read aloud *The Button Box*. As you go throughout the book, pause and ask students, “How did the boy sort the buttons on this page?” Have a couple of students share each time, and ask how they know. You can also have students turn and share with a partner. After the read aloud, talk about different things that the students may sort in a day.

Explore: Set, or review, behavior expectations. Give each table or group a handful of random buttons. Then in groups, partnerships, or individually, have the students sort the buttons into different categories that they come up with. As they sort, ask them questions about how they are organizing, why they decided to do it that way, or what is a different way they can organize?

Summarize: Ask students to share how they sorted their buttons and why. Talk about how there are so many different ways to sort buttons, and that not everyone needs to sort their buttons the same way.

Extension Ideas: Ask what other objects students could sort, and have them go home and sort something new and report about it the next day.

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.