Data Tells Us about Ourselves

Adapted from Mindset Mathematics, book 3 by Jo Boaler, Jen Munson and Cathy Williams

This task asks students to consider the question, What is the most common car color where you live? We begin by sharing the parking lot image of cars, page 2, and asking students, What do you notice? Give students some time to turn and talk, and then collect students' observations. Ask students to justify their answers using evidence from the image.

After discussing the parking lot image ask students, What is the most common car color in our area? Can you make a prediction based on the parking lot image we have discussed? Give students some time to turn and talk and then collect students' ideas.

Ask students to work in groups to develop a plan to collect data in order to verify if the parking lot image reflects car color in their area. Ask students to share their group's ideas about collecting data locally and discuss the different plans as a class.

Students can choose a plan and all work together to collect data or they can work on their own plans and share their results with the class.