

Seats for All

Link

POS/SOL: MA 2.12

Marzano Strategy: Nonlinguistic Representations

We have been learning about perimeter. Today we are going to apply our knowledge of perimeter to solve a math problem.

Assessment: Class discussion

Engage and Educate

Ask students what perimeter is. How do we use perimeter in our everyday lives? Read *Spaghetti and Meatballs for All* by Marilyn Burns to the students. Have students describe the problem that arose with the Comforts as they rearranged tables in order to accommodate more and more guests.

Assessment: Class discussion

Active Learning

Ask: Which rectangular table arrangement would be the least expensive for the Comforts to create if they had to rent the individual square tables? Which would be the most expensive? Have students work in groups using tiles to solve the problem. Remind them that the tiles need to touch along the entire length of the side not just the corners. Have the students record solutions.

Assessment: Completed product

Reflect

Have students share solutions with the class.

Now and Then

Today we explored how perimeter can be used to solve an everyday problem. We will begin looking at area and how it is used in our daily lives.