

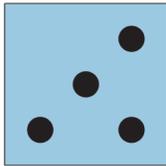
# Copy My Dots

Players 1-4    Ages 3+    5-10 min

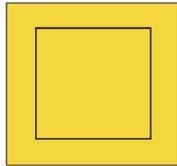
## GOAL

Use tokens to copy the dot card.

## MATERIALS



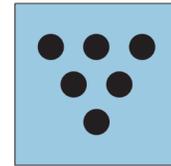
Large Dot Cards: 0-5



Blank Square



Tokens



Large Dot Cards: 6-10

## VOCABULARY

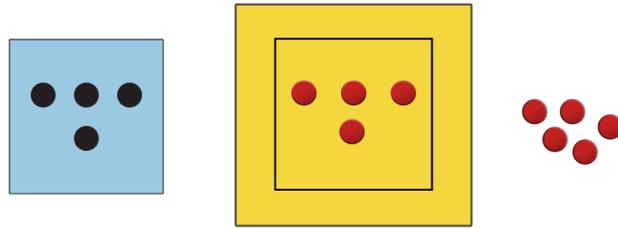
Arrangement/configuration  
Straight line  
Up/down  
Across  
Diagonal

## QUESTIONS

Do you have the same number of tokens on your card as on the dot card?  
Did you arrange the tokens on your square in the same arrangement as the dot card or in a new way?

## HOW TO PLAY

1. Choose a large dot card from the deck.
2. Say, "Let's make a copy of this card with our tokens on this blank square."



3. Watch how children copy the arrangement. Do they lay out the same number of tokens? Do they organize the tokens in the same arrangement or in a different way?
4. Continue with a new card.

### TIPS FOR PLAYING

- To start, children may want to place their tokens directly on top of the dots on the dot card instead of using the blank square. This is a great first step and helps them practice one-to-one correspondence.
- The frame provides boundaries to help children arrange their dots. The sides provide a reference for where the dots go.
- Once children are comfortable copying the 1 to 5 dot cards, use higher number cards.

### WHAT CHILDREN ARE LEARNING

- Notice if children know the number order when counting (1, 2, 3, 4, ...) and can coordinate the number word said while pointing to one dot at a time. When they are able to count one object at a time in the correct number order, they are using one-to-one correspondence.
- As children count out their tokens to match the number of dots on the card, they're practicing cardinality: knowing how many in all. You can help them by saying, "How many dots are on the dot card in all?" And if they're not sure, say, "You counted 1, 2, 3, 4 dots. So there are 4 dots in all!"

- You can also help children see that cardinality stays the same no matter how the tokens are arranged. For example, once they know that there are four dots in all, you can line the tokens up, or arrange them in the square's four corners, or even stack them. Each time there's a new arrangement, have children remind you how many tokens there are in all.
- As children gain experience with with the larger cards, you can use smaller dots cards. This helps them see that the arrangement can be transferred even when the size of the dots is different.

## MATH TOPICS

Number: Counting and Cardinality

Patterns and Structure

## VIDEO



### Watch Game Video

View the QR code in your smartphone's camera app or QR code reader to watch a video that shows how to play Copy My Dots.