

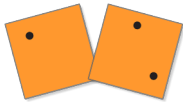
# Dot Card Color Sort

Players 1-4    Ages 2+    5-10 min

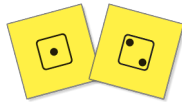
## GOAL

Sort the Dot Cards by color into multiple sets.

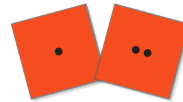
## CARDS TO USE



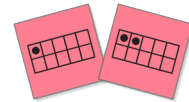
Scattered Dots  
1-2



Dice  
1-2



Ordered Dots  
1-2



10 Frame  
1-2

## VOCABULARY

Sorting  
Same  
Different

## QUESTIONS

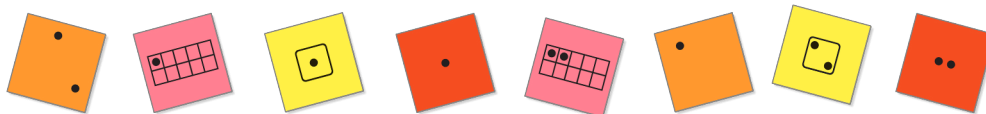
What do you notice about these cards?  
What is the same?  
What is different?

## HOW TO PLAY

1. Select and shuffle cards.



2. Lay cards face up on a table or on the floor.



Ask, "What do you notice about the cards?" Children may notice the color, how the dots are arranged on the cards, how many dots there are, or something else.

3. When you're ready, you can begin the game by saying, "Let's sort by color. This card is yellow. This card is also yellow, so I will put them in the same pile. Now it's your turn."
4. Take turns picking a card, naming its color, and matching the color to other cards they may see.



5. Once all of the cards are sorted by color, take turns counting how many cards are in each color pile.



6. The game ends when each pile has been counted!
7. To extend the game, return all of the cards into a larger pile and have children sort the cards by the number of dots on each card (a pile of one-dot cards and a pile of two-dot cards). Then, hand the children the 1 and 2 numeral cards and have them label each pile with its numeral.

## WHAT CHILDREN ARE LEARNING

- This game helps children become familiar with the Dot Cards. Spend time talking with children about the different attributes, or characteristics, they notice about the cards.
- Many young children love to sort and organize collections of objects. This process of sorting, or classification, is an important practice in science and mathematics. Grouping objects and counting how many are in each group are skills that kids will use later when collecting and analyzing data to solve problems.

## MATH TOPICS

Data Collection and Analysis

Sorting and Attributes

## 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 *Dot Card Color Sort*.