

Got Your Number

PreK

Materials: The deck of cards (1 through 9) for each pair.

Discussion on the rug:

The teacher starts a discussion about the number 10. **“Why is the number 10 an important number?”** The teacher invites ideas from the class.

“We are going to play a fun game today. It is called Make Ten.”

The teacher demonstrates how to play the game with two players.

“We play in pairs with a deck of number cards.

Each player picks seven cards from the deck.

You look at your cards and find two cards that add up (count up) to 10.

For example: 8 and 2 make 10.

If you can make 10, then put those two cards together in a 10-pairs pile and then pick two more cards.

If you can’t make 10, then say ‘pass’ and pick a new card.

Switch turns with each other until all the cards of the deck are picked and all the pairs that make 10 are found.

We will examine our 10-pairs pile all together.”

In small groups: Each group plays the game until the deck is used and all pairs of 10 are made. Have students look over and count up how many 10-pairs they made. After the game, the teacher asks the class to list the 10-pairs that the students made.

The teacher asks the following questions:

“Suppose you are playing this game with a new friend. Explain to your friend how you play the game and which cards you need to put together to make 10-pairs.”

At the end of the investigation, have students either discuss or dictate a response to the summary question.

