

FAMILY MATH FUN

Handouts and Directions



HOW TO PLAY **Before and After**

Note to Families: This is one of several number games we play in class. Use this sheet to review the directions with your child. When you play the game together at home, be sure to give your child time to think about the numbers on the cards. Please keep both the game directions and the number cards in a safe place at home for continued use.

Materials: Deck of Cards (*Jokers removed. Aces = 1, Jacks = 11, Queens = 12 Kings = 13*)

Players: 2

Object: Reinforce the concept of before and after.

How to Play

1. Shuffle the cards.
2. Deal 6 cards to each player.
3. Put 2 cards from the deck number side up on the table.
4. Put the remaining deck number-side down in a pile.
5. When it is your turn:
 - Look for any number in your hand that comes just before or just after one of the face up numbers. Put it on top of the number. Play as many cards as you can.
 - Take as many cards as you need from the deck so that you have 6 cards again.
 - If you can't play any cards when it is your turn, take 2 cards from the deck. Place them number-side up on top of the 2 cards on the table. Try to play cards from your hand again. If you still can't play, your turn is over.
6. The game is over when:
 - All cards have been taken from the deck.
 - No one can play any more cards.
7. The player holding fewer cards wins.

Cómo Jugar: Before and After (Antes y Después)

1. *Baraje las cartas.*
2. *Reparta 6 cartas a cada jugador.*
3. *Ponga sobre la mesa 2 cartas de la baraja bocarriba.*
4. *Ponga el resto de la baraja bocabajo.*
5. *Cuando sea su turno:*
 - *Busque en las cartas que tiene en la mano, si tiene el número que va antes o después de uno de los números de las cartas que se están mostrando sobre la mesa. Si lo tiene, póngalo encima de ese número. Juegue las cartas que pueda.*
 - *Saque las cartas que necesite de la baraja, para que otra vez quede con 6 cartas.*

- *Si no puede jugar ninguna carta cuando sea su turno, saque 2 cartas de la baraja. Póngalas bocarriba encima de las 2 cartas que están sobre la mesa. Trate de jugar nuevamente las cartas que tiene en su mano. Si aún no puede jugar, entonces se le acabó su turno.*
6. *El juego se acaba cuando:*
- *Todas las cartas hayan sido tomadas de la baraja.*
 - *Nadie puede jugar más con ninguna de sus cartas que tiene en la mano.*
7. *El jugador que se quede con menos cartas es el ganador.*

Variations: *(use only if needed)*

If this game is difficult for your child, limit the number of cards to 3 rather than 6. Increase the number as your child's understanding becomes clearer.

HOW TO PLAY **Before and After Concentration**

Note to Families: Numbers coming before and after a given number is an important math skill for first graders to master. The game of Concentration provides further reinforcement of the skill as well as increasing visual memory. Use this sheet to review the directions with your child. When you play the game together at home, be sure to give your child time to think about the numbers on the cards as well as the placement of the cards on the playing surface. Please keep both the game directions and the number cards in a safe place at home for continued use.

Materials: Deck of Cards *(Remove Jokers. Aces=1, Jacks=11, Queens=12, Kings=13)*

Players: 2-4

Object: To find a number match and identify the numbers that come before and after that number

How to Play

1. Shuffle the cards
2. Lay cards out (face down) in 4 equal rows with 13 cards in each row.
3. The first player turns over 2 cards. If the cards match, the player must be able to identify the numbers that come before and after the matched numbers in order to keep the match. If the before and after numbers cannot be named, the player must return both cards to their original spaces. Likewise, if the 2 cards do not match, they are returned to their spaces.
4. The next player takes a turn.
5. The game is over when all matches have been made
6. The winner is the person with the most matches.

Cómo Jugar: Before and After Concentration (Concentración - Antes y Después)

- 1. Baraje las cartas.*
- 2. Ponga 4 filas de cartas boca abajo, con 13 cartas cada fila.*
- 3. El primer jugador voltea 2 cartas para tratar de hacer parejas de números. Si las cartas hacen pareja, el jugador debe decir qué números van antes y después de esa pareja, si lo dice bien, puede continuar haciendo parejas. Si no puede decir los números que van antes y después, el jugador debe regresar las dos cartas a sus lugares originales. De la misma manera, si las 2 cartas que destapó no hacen pareja, las cartas deben regresarse a sus lugares originales.*
- 4. El próximo jugador toma su turno.*
- 5. El juego se acaba cuando se hayan hecho todas las parejas.*
- 6. El ganador es la persona con el mayor número de parejas.*

Variations: *(use only if needed)*

Try some of these different ways to play the game.

- Play using only $\frac{1}{2}$ of the deck. (Pre-select cards to make sure there are matches.)

For more practice with before and after, as well as number writing, hold up a card from the deck, or lay it in front of your child. Ask them to write the numbers that come before and after. This can be done on a white board, chalk board or any type of paper.

Turn over two cards and make them into a 2-digit number. Have your child tell the numbers that come before and after the 2-digit number.