

## 1, 10 and 100 Before and After

### Purpose:

The purpose of this activity is to help your child know the number 1, 10 or 100 before or after a hundreds number.

### Link to the Number Framework:

Number Sequence, Stage 5

### What you need:

Pack of cards. Ace = 1, remove the 10 and the picture cards.

### What to do:

Shuffle the cards and place face down between the players. Take 3 cards and together the players arrange the cards to form a hundreds number.

Then deal each player 3 cards. Take turns to place a card on top of a card in the displayed number to make it 1, 10 or 100 more or less than the displayed number. Read aloud the new number and explain how it is changed. For example, if the display number is 472, the first player could place a 6 on the 7, and say "the number is now 462, it is 10 less than 472". Players take turns building on the number. If a player can't place a card they take one from the pile. If neither player can make a move the game ends. The winner is the player with the least number of cards in their hand at the end of the game or the player who plays all their cards.

Note: there is no 0 because you can't change a 0 to a 9 or vice versa without changing 2 digits in the display number.

### What to expect your child to do:

To correctly make a number 1, 10 or 100 less or more than the displayed number and be able to read the number aloud.

### Variation:

Play with 4 cards in the display number and change it by 1, 10, 100 or 1000.

### Related Māori Vocab:

riwhiriwhi (~a)	shuffle
toha (~ina)	deal, distribute
mati	digit
tau mati-toru	3-digit number
whakapiki	increase
whakaheke	decrease
putunga kāri	pile of cards
rahinga ake	more than
itinga iho	less than