Multiples Cover Up

Why do this?
You can help your child to identify multiples of numbers.

What you need:
- Multiple cards and game boards. You can print these or make your own.
- 8 buttons/counters for each player.

What to do:
Cut out the multiple cards and place in a pile face down. Give a game board to each player.
The first player turns over a multiples card. If the number is a multiple of a number on their card they can cover that number. They can only cover one number in a turn. Return the multiples card to the bottom of the pile. If they are unable to cover a number on their board then other player has a turn.
The winner is the first person to cover all the numbers on their game board.

What to expect your child to do:
To identify multiples of numbers using strategies such as multiplication and division facts, and divisibility rules. For example; any number ending in a 5 or a 0 is a multiple of 5, any even number is a multiple of 2, any number whose digits add to a multiple of 3 is also a multiple of 3 e.g. 54: 5 + 4 = 9, 9 is a multiple of 3 and therefore so is 54.

Variation:
- Make your own multiples cards.
- The first person who calls a factor of a multiples cards can cover that factor on their board. For example, if the multiple 35 is turned over then the first person to call either 5 or 7 can cover either of these numbers on their game board.

He Kupu Māori:

papa tau	number board
taurea	multiple
porotiti	add

He Whakawhitinga Kōrero:

- Whakaputua ngā kāri ko ngā mata ki raro. *(Place the cards in a pile, face down.)*
- Tangohia tētahi kāri. Āta tirohia tō papa tau. Mēnā he taurea tō kāri o tētahi o ngā tau i tō papa, uhia taua tau ki te porotiti. *(Look carefully at your number board. If your card is a multiple of a number on your board, cover that number with a counter.)*
- Whakahokia tō kāri ki raro o te putunga kāri. *(Return your card to the bottom of the pile.)*
- Kei ahau ināianei. *(Its my turn now.)*
- Māu e tīmata. *(You can start.)*
- He taurea te tekau mā whā o te whitu. *(14 is a multiple of 7.)*
- Ko te tangata tuatahi ki te uhi i ngā tau katoa i tōna papa, ko ia te toa. *(The first person to cover all of the numbers on their board is the winner.)*

Multiples game board and multiples cards

2	3	4	5
6	7	8	9

2	3	4	5
6	7	8	9

12	14	15	18	21	24
25	27	28	30	32	35
36	16	20	49	50	80
90	60	40	42	45	48
54	56	64	70	72	81