

Simple Powers

Purpose:

You can help your child to learn some simple number powers.

What you need:

- Game cards. You can print these or make your own.
- Cardboard. (Old cereal boxes are good).

What to do:

Glue the cards on to cardboard. Cut the cards and shuffle them. The aim of this activity is to arrange the cards in a continuous line with the power and answer matching up.

What to expect your child to do:

To be able to correctly match up powers with the answer. To begin with they may need to use a calculator to check their answers.

Variation:

Deal 4 cards to each player and like dominoes take turns to add a card to form a line.

He Kupu Māori:

riwhiriwhi (~a)	shuffle
taupū	power, exponent
otinga	answer, result
pūrua	to the power of 2
pūtoru	to the power of 3

He Whakawhitinga Kōrero:

- Riwhiriwhia ngā kāri. (*Shuffle the cards.*)
- Ko tā tātou mahi, he whakarārangi i ngā kāri. Honoa te taupū ki te otinga e tika ana. (*What we are doing is putting the cards in a line. Connect the power to the correct answer.*)
- E rua ki te pūtoru. He aha te otinga? (*2 to the power of 3 (2³). What is the answer?*)
- Whakamahia te tātaitai. Pūwhātia te rima. (*Use the calculator. Raise 5 to the power of 4 (5⁴).*)

Simple Powers

625	2^3	8	2^4
16	5^3	125	3^3
27	4^4	256 3^4	
81	4^3	64	5^4