

Hundreds, Tens and Ones

Purpose:

The purpose of this activity is to help your child practice adding and subtracting with hundreds, tens, and ones.

Link to the Number Framework:

Number Sequence, Stage 5

Place Value, Stage 5

What you need:

- a die
- pen and paper for each player

What to do:

- Before play begins players need to agree on the starting number and the target number and record these on their paper. Choose three-digit numbers between one and a thousand.
- Players take turns to throw the die. They then choose to add or subtract the number thrown to the hundreds, tens or ones of the starting number. For example, if a 5 is thrown players could add or subtract 500, 50 or 5 from the starting number.
- With each successive turn players add or subtract numbers to the result of their previous turn.
- The first player to reach the target number exactly wins.

What to expect your child to do:

- Understand place value so that hundreds, tens and ones can be added together.
- Consider how much more is required to reach the goal number.
- Develop a strategic approach to the placement of numbers.

Variations:

- Increase the place value to include thousands.

He Kupu Māori

dice	mataono tau
roll (a dice)	pīrori (-hia)
add	tāpiri
subtract	tango

He Whakawhitinga Kōrero:

- Kōwhiria tētahi tau i waenganui i te kore me te kotahi mano. Koirā hei tau tīmatanga māu. *(Choose a number between 0 and 1000. That will be a starting number for you.)*
- Kōwhira tētahi atu tau i waenganui i te kore me te kotahi mano. Koirā tō tau whakamutunga. *(That's your finishing number.)*
- Pīrorihia te mataono tau. Ko te tau ka puta, koirā te maha o ngā rau, ngā tekau, ngā kotahi rānei hei tāpiri māu, hei tango rānei i tō tau tīmatanga. Hei tauira, mēnā ka puta te 5, kei a koe te whiriwhiri ki te tāpiri, ki te tango rānei i te 500, te 50, te 5 rānei i tō tau tīmatanga. *(Roll the dice. The number that comes up is the number of hundreds, tens or ones that you either add or subtract to your starting number. For example, if a 5 comes up you decide whether to add or subtract either 500, 50 or 5 to or from your starting number.)*
- Kei a koe i te tuatahi. *(Your turn first.)*
- Kei a au ināianei. *(My turn now.)*
- Ko te tangata tuatahi kia tae atu ki tana tau whamamutunga, ko ia te toa.