

## Tenths and Hundredths in Decimal Numbers

### Purpose:

The purpose of this activity is to help your child to learn the number of tenths and hundredths in decimal numbers.

### Link to the Number Framework:

Place value, Stage 6

### What you need:

Tape measure

Pencil and paper

### What to do:

Help your child to find the heights or lengths of objects around the home using a tape measure.

Record the objects height or length using metres and centimetres.

For example

Object	Height	Number of tenths	Number of hundredths
Bench	1.25m		

Check your child understands 10cm is a tenth of a metre.

Using the table look at the height of an object and ask your child:

- *how many tenths are in the number?*

Your child can check this by using the tape measure to count the number of 10cm in the length by counting in tens 10, 20, 30 etc

Ask your child:

- *how many hundredths are in the number?*

Again your child can check by using the tape measure to see how many centimeters are in the length.

Once they have done a couple of examples using the tape measure encourage them to use the table and to look at the pattern. There are 10 tenths in a whole, and 100 hundredths in a whole.

### What to expect your child to do:

- Your child should be able to say how many tenths and hundredths are in decimal numbers.

### Variations:

Decimal numbers can also be found by measuring the weight of objects on kitchen scales and recording these as kilograms and grams.

### He Kupu Māori:

tenths	hautekau
hundredths	haurau
metre	mita
centimetre	mitarau (henemita)
chart	tūtohi
1.25	kotahi ira rua rima

### Kia Mataara:

Be careful with the correct way of saying numbers with two and three decimal places. 0.25 is not said as 'kore ita rua tekau mā rima (*zero point twenty five*)' because saying rua tekau (*twenty*) is incorrect, misleading and confusing. The correct way of saying it is to say each individual digit: 'kore ira rua rima (*zero point two five*).

Te mea hei ine	teitei	te maha o ngā hautekau	te maha o ngā haurau
wāhi mahi	1.25m		