

➤ Notes for parents. Activity next page.

The purpose of this task is to help your child to:

- use a ruler to accurately measure length
- use length and width measurements to calculate area in square centimetres (cm²)
- see a purpose for making accurate measures

The idea is that your child will make a '**dust jacket**' (a detachable outer cover) for one of their own books, or as gift for a friend or relative who is a book lover.

If your child is unfamiliar with a protective 'dust jacket', find an example to show them.



You might like to print the following page, or discuss it with your child, or make a similar one of your own.

Encourage and support your child to **accurately measure** the cover dimensions (rather than just laying their book on the paper and drawing around it).

Also, look for other opportunities for your child to apply and practise their measuring skills.



He tauira kōrero Māori

Ko tā tāua mahi, he hanga hīpoki hei uhi i te pukapuka nei.	What we're going to do is make a dust jacket to cover this book.
Me pēhea te ine i te pukapuka?	How shall we measure the book?
He aha ngā inenga e hiahiatia ana hei hanga i te hīpoki?	What measurements are needed to create the dust jacket?
Whakatakotoria te rūri kia hāngai tonu te tohu mō te kore mitarau (0cm) ki te tapa o te pukapuka.	Put the ruler down so that the mark for zero centimetres (0cm) aligns with the edge of the book.
Pānuihia te āwhata o te rūri e hāngai ana ki tērā tapa o te pukapuka. E hia mitarau te whānui?	Read the scale of the ruler that aligns with the other side of the book. How wide is it?
Me ine ki te mitarau e pātata ana, te mitamano rānei? Te haurua mitarau rānei?	Should we measure to the closest centimetre or millimetre? Or half centimetre?
He pai tonu mēnā he paku nui ake te hīpoki i te pukapuka, engari kāore e pai ana mēnā he iti ake.	It would be okay if the dust jacket was a little bit bigger than the book, but not if it was smaller.



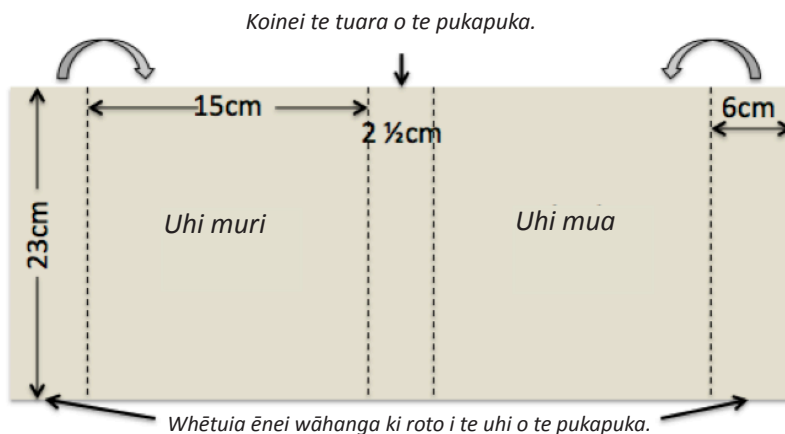
Ko tāu mahi, he hanga hīpoki mō tētahi pukapuka.

Ngā rauemi e hiahiatia ana:

he rūri, he pepa nui, he mara pepa, he pene rākau, he kutikuti, he pene whaikano

Ngā Mahi:

1. Kōwhiria te pukapuka hei hanga hīpoki māu.
2. Inea ngā tapa o te pukapuka.
3. Huahuatia te hīpoki, ka tuhi ai i ngā inenga. Hei taura:



4. Whiriwhiria te rahi o te pepa e hiahiatia ana hei hanga i te hīpoki. Hei taura:

$$6 + 15 + 2 \frac{1}{2} + 15 + 6 = 44 \frac{1}{2}\text{cm} - \text{koirā te roa o te pepa. E } 23\text{cm te whānui.}$$
5. Whakawhitia ēnei inenga ki te pepa nui. Kia āta tuhi i ngā tapa o te hīpoki ki runga i te pepa. Me pēhea te whiriwhiri i te horahanga o te hīpoki.
6. Tapahia te hīpoki, ka tuhi pikitia ai ki runga.
7. He aha ngā inenga e pai ana mō tētahi tohu whārangi pukapuka?

