

# Task notes | What's the probability? He aha te Tūponotanga?

Y4

➤ Notes for parents. Activity next page.

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

- consider the relative probability of events occurring
- become aware that in our daily life we frequently encounter uncertainty
- recognise that there is a range of probability from **certainly won't** (impossible, it will never happen) to **certainly will** (sure to happen), with degrees of likelihood, or probability in between

As adults we know that probability can be expressed as a number between zero (can never happen) to 1 (will always happen). It can be expressed as a fraction, as a decimal, as a percent, or as "odds".

Your child is not required to 'quantify' the probability of something happening by giving it a number, but instead to think about the relative likelihood of events occurring by locating them on a line of probability.

**You may like to print the following page or make a similar one of your own.**

Talk about the task with your child. When they have located events on the line:

- Ask them to explain why they placed them where they did **relative to** the other events.
- Think about the **likelihood** of some situations from your own family occurring, and have them locate these on the line too.

He aha te tūponotanga ka mahi koe i tēnei mahi i tēnei rangi tonu?	What is the probability of you doing this today?
He nui te tūponotanga ka mahi koe i tēnei mahi, he iti rānei?	Is there a large probability of you doing this, or only a small one?
Ko hea te wāhi tika i te rārangi tūponotanga mō tēnei mahi?	Where on the probability line is the correct place for this phenomenon?



# Hei Mahi | He aha te Tūponotanga? What's the probability

Tau  
Kura 4

E kore rawa ... ākene pea ... āe marika

**Ngā rauemi e hiahiatia ana:**

he pepa, he pene rākau, he rapa

**Ngā mahi:**

1. Tuhia he rārangi tūponotanga ki tō pepa, pēnei i tēnei:

E kore rawa

Āe marika

2. Pānuihia tētahi o ngā kōrero kei raro iho nei.
3. Āta whakaarohia te tūponotanga ka pā tērā āhuetanga ki a koe.
4. Āta whakaarohia te wāhi i te rārangi tūponotanga e tika ana mō tērā āhuetanga.
5. Tuhia te pū o taua kōrero ki te wāhi e tika ana i te rārangi tūponotanga.
6. Kia pērā anō ō mahi mō ngā kōrero katoa. Ākene pea ka hiahia koe ki te whakarerekē i te wāhi noho o ētahi o ngā kōrero i te rārangi tūponotanga, i a koe ka mahi i ēnei kōrero katoa.

**Pēhea nei te tūponotanga ka mahi koe i ēnei mahi i tēnei rangi tonu:**

- A. Ka haere ki te hokomaha i te taha o tētahi pakeke.
- E. Ka uwhiuwhi.
- H. Ka moe i roto i te 24 haora e heke mai ana.
- I. Ka pānui pukapuka.
- K. Ka haere ki te kura.
- M. Ka āwhina i tētahi atu.
- N. Ka tākaro whutupōro.
- Ng. Ka haere ki te mātakitaki i te ori hīteki.
- O. Ka tautohe me tētahi atu.
- P. Ka tuhi i tētahi reta.
- R. Ka tākaro koe me tētahi whanaunga.

