

Year Two	Term 1	Term 2	Term 3	Term 4
Longitudinal	<p>Calendar maths (CensusAtSchool)</p> <p>This lesson is for daily use throughout the year, with ideas for how to teach probability through using these questions and prompts.</p>			
Focus lessons	<p>Gumball machine (CensusAtSchool)</p> <p>Ākonga will explore a chance-based investigation that emphasises the role of data organisation and clarifies ākonga understandings of key vocabulary.</p>	<p>Rock, paper, scissors (CensusAtSchool)</p> <p>This lesson explores that idea of 'chance' in a practical way that is motivating for ākonga. The game based lesson invites fun connected to mathematical learning.</p>	<p>Tricky Trickster (CensusAtSchool)</p> <p>Ākonga will take turns playing a chance-based game that incorporates key vocabulary while anticipating outcomes.</p>	<p>What's next? (Created by NZMaths)</p> <p>The purpose of this activity is to engage students in identifying possible outcomes in a given situation and describing the chance of an outcome occurring in broad terms.</p> <p>Or Lonely kiwi (Created by NZMaths)</p> <p>In this unit we have a first look at uncertainty and chance. We begin to develop an intuitive sense of what chance and possibilities are about through games that involve following rules, making predictions and seeing what happens.</p>
Suggested picture books (and digital tools) to support oral language and vocabulary development.	<p>How Māui Slowed the Sun - Is it possible, impossible or certain that there will be enough daylight to get everything done in your day? Is there a chance that Tama-nui-te ra will see Māui when he is waiting to throw the ropes?</p> <p>Mr Fox by Gavin Bishop - What is the chance of each of the characters ending up in Mr Fox's bag? How do you explain that? Is it possible, impossible or certain that Mr Fox will end up in the bag himself?</p> <p>Two Cans of Corned Beef and a Manulele in a Mango Tree - What is the chance of getting a pair of gumboots on the third day? Is it possible that on day nine there will be a tui in the tree instead of a manulele? Is it possible, impossible or certain that there will not be snow in this Christmas book?</p>			
Vocab	<p>Probability Investigations Outcome, anticipate, collect, record, identify, list, frequency, explain, compare</p> <p>Words to Describe Probability Certain, uncertain, likely, unlikely, possible, impossible</p> <p>Critical Thinking in Probability Agree or disagree with others' statements, explain agreements and disagreements</p>			