

fray Kereru HUB Unit Plan for Maths - Nic Somerton / Tim Kirkpatrick - Term 1 2021

Unit: Multiplication / Division (Term 1) (2-3weeks)		Curriculum links:	
Learning objectives and Children's learning outcomes Most Year 5 children will learn to: Number knowledge <ul style="list-style-type: none"> Know forward and backward counting sequences with whole numbers to at least 1000. Know the basic addition and subtraction facts. Know how many ones, tens, and hundreds are in whole numbers to at least 1000. Most Year 6 children will learn to: Number knowledge <ul style="list-style-type: none"> Know basic multiplication and division facts. Know counting sequences for whole numbers. Know how many tenths, tens, hundreds, and thousands are in whole numbers. 		Vocabulary arrays grids repeated addition division numberline	Building on prior learning and intervention materials Check that children can already: Number strategies <ul style="list-style-type: none"> Use a range of counting, grouping, and equal-sharing strategies with whole numbers and fractions. Number knowledge <ul style="list-style-type: none"> Know the forward and backward counting sequences of whole numbers to 100. Know groupings with five, within ten, and with ten.

Teaching and learning focus	Lessons	Learning focus, teaching notes and resources	Assessment for learning Questions and success criteria
Introductory teaching to assess and review learning	Day(1)	Assessment Task - Mult Div Pre UNit Assessment .	What multiplication strategies do we already know? How would you like to learn about multiplication and division strategies. Through which contexts? Curriculum links.

<p>Direct teaching of new knowledge, skills and concepts, with opportunities to practise and apply learning</p> <p>Interactive whole class teaching</p> <p>Consolidation and further practice</p> <p>Interim review of achievement and progress</p> <p>Intervention support with groups</p> <p>Enquiry, extension enrichment work, problem solving, reasoning</p> <p>Summary assessment of progress over the unit with children</p>	Day(2)	Multiplication Division Workshops.	What are your goals in Maths? How do you know? What learning would you like to see that will help you improve on these areas? How will you know you have had success?
	Day(3-8)	<p>Workshops opportunities based on learning objectives above.</p> <p>Use of Mathletics to consolidate new learning at a suitable level of challenge.</p>	<p>Key Assessment for Learning Questions?</p> <p>What have you learnt? How do you know? Can you give an example? What did you do to enable success? What did your teachers do to enable success? What could have been better? Raise your hand if your learning has improved etc.</p>
	Day(9)	Post Assessment Task Opportunity to establish new learning.	Self -Marking Post Assessment Task
	Day(10)	Opportunity to reflect on teaching and learning effectiveness and plan next steps using Google slides and blogposts	<p>Key Assessment for Learning Questions?</p> <p>What have you learnt? How do you know? Can you give an example? What did you do to enable success? What did your teachers do to help you succeed? What could have been better? What lessons / activities/ resources supported you the most?</p>
	Day(s)		