

Make it Count Maths resources

as provided by **Numicon**



For schools ordering from this supplier for the first time:

		Phase 1	Ratio per resource	Phase 2	Ratio per resource	Phase 3	Ratio per resource
Student Resources	Printed Student Resources	Year 0-1 - Large Number Rod Set - Box of 80 Numicon shapes - Baseboards - Bags of 80 Coloured Pegs - Display Number Line - Set of 3 0-100cm Scale Number Lines - Large Format Table Top Number Lines - Picture Overlays for Baseboard - Feely Bags - Set of Number Rod trays (1-10 & 20cm) - Bag of 20 One Shapes - Number Bond Overlays for Base Board - Spinner	Ratios are determined by teacher and student counts	Year 4 & 5 - Small Number Rod Set - Box of 80 Numicon Shapes - Pack of 60 Counters - Card 1-100 Number Track - Display Wall Number Line 0-100cm Scale Number Lines 10s Number Line - Number Cards 0-100 - Feely Bags - Number Rod Line - Number Rod Track 1-100cm Scale - Sets of Double Sided Baseboard Laminates - Pack of 10 Additional Shapes - Pack of 20 Additional One Shapes 0-1001 Number Line - Spinner - Student Book 3 (Year 4) * - Student Book 4 (Year 5) *	Ratios are determined by teacher and student counts	Year 7 & 8 - Small Number Rod Set - Box of 80 Numicon Shapes - Pack of 60 Counters - Card 1-100 Number Track 0-100cm Scale Number Lines - Number Cards 0-100 - Feely Bags - Number Rod Track 1-100cm Scale - Sets of 3 Double Sided Baseboard Laminates - Set of Additional 10 Shapes - Spinner - One Million Display Frieze - Decimal 0-101 Number Line -12 to 12 Number Line - Tens Number Line Laminate - Fraction Number Line Laminate - Student Book 5 (Year 7) * - Student Book 6 (Year 8) *	Ratios are determined by teacher and student counts
		Year 2 & 3 - Small Number Rod Set - Box of 80 Numicon Shapes - Base Boards 80 Coloured Pegs - Card 1-100 Number Track - Display Wall Number Line 0-100cm Scale Number Lines 10s Number Line - Number Cards 0-100 - Feely Bags - Set of 3 Post Boxes - Number Rod Track 1-100cm Scale - Set of Numbered Rod Trays (1-10 & 20cm) - Packages of Additional 10 Shapes - Bag of Additional One Shapes - Bag of 4 Numicon Dice - Spinner - Package of 3 0-31 Number Lines	Ratios are determined by teacher and student counts	Year 6 - Small Number Rod Set - Box of 80 Numicon Shapes - Pack of 60 Counters - Card 1-100 Number Track - Set of 3 0-100cm Scale Number Lines - Number Cards 0-100 - Feely Bags - Number Rod track 1-100cm Scale - Sets of 3 Double Sided Baseboard Laminates - Set of Additional 10 Shapes - Spinner - One Million Display Frieze - Decimal 0-101 Number Line -12 to 12 Number Line - Tens Number Line Laminate - Fraction Number Line Laminate - Student Book 5 (Year 6) *	Ratios are determined by teacher and student counts		
	Digital Student Resources	- Students can access interactive software which enables them to use digital manipulatives on iPads and Chromebooks when doing independent and group activities. - Students do not have individual access to Firm Foundations Online or Numicon Online.					
Teacher Resources	Printed Teacher Resources	There are no printed teacher resources available as part of this Ministry-funded offering.					
	Digital Teacher Resources	Full school access to “Firm Foundations Online” and “Numicon Online” across all year levels. The combined Numicon Online NZ subscription includes the eBooks of the printed Teacher Handbooks as well as the lesson platform showing the eBook lessons. These eBooks provide access to all year levels. The following is also included: - NZ Curriculum Links - Key Mathematical Ideas - Teaching Progressions - Assessment tools - Teaching Activities (lessons) - Glossary - Interactive software - Videos offering PLD support					
	Formative Assessment Resources	Formative Assessment is included in every lesson plan. Teachers are shown what to observe and listen for. Links are included in every weeks’ planning to: - Student self-assessment - In-class formative assessment - End of week assessment ‘Milestones’ of key mathematical concepts - checklists are provided to monitor student progress. Tracking file to record progress with links to the Curriculum demonstrating the complete coverage.					
	Summative Assessment Resources	- Numicon recommends recording the learning using the downloadable tracking files linked to the Curriculum - Explorer Progress - Assessment Cards					

For schools who are ordering a resupply:

You will be given renewed licences for the Digital Platform.

Manipulatives and Student Books will not be resupplied as these do not require students to write in them and have a multi-year shelf life. Additional Student Books due to roll growth in 2026, can be ordered via Down the Back of the Chair if required. Due to the differing ratios of resources across different class levels and students for Numicon, the Ministry will assist schools with placing orders for additional manipulatives due to significant roll growth. This will enable schools to receive the correct resources.

You can view all these resources here: [NUMICON](https://www.numicon.co.nz/)



Te Tāhuhu o te Mātauranga
Ministry of Education



Te Kāwanatanga o Aotearoa
New Zealand Government

What Professional Learning Development opportunities will be available to schools at no charge? When? How?	Free Zooms, webinars and in-person courses will be available in Term 3 & Term 4 of 2025 as well as Term 1, 2026. These will focus on the following: • What is Numicon? • Starting Well – introduction to the Numicon Online NZ website, using the teaching and student resources, and classroom set up. • Planning and Assessment Also available, are free visits to Advocate Schools throughout NZ to see Numicon in action. Paid PLD is available through Numicon, please contact them directly to discuss.	How does this package support inclusivity and equity of access?	OECD recommendations are completely supported by Numicon. • Manipulatives are valuable to all vision-impaired students, grey versions of the shapes are available that reduce the sensitivity for students with autism. • Text is well-spaced and the font clear providing support to students with dyslexia and dyscalculia. • Everyone has equal access to the manipulatives in the classroom. • The teaching progressions are cyclic/spiralled through many strands, bringing connections to maths understanding and the frequent revisiting of concepts to support all learning. • The teaching pedagogy enables the teacher to deliver incremental learning and manage flexibility for targeting students by adapting their teaching. Support for this is included in the daily lessons. • Priority and lower-achieving students will need more support and longer support through the cyclic nature of the learning progressions and the accompanying resources across all strands. • Language is a key focus in all the teaching activities. The relevant words and terms are taught throughout the week and integrated into learning intentions and success criteria crossing through to all areas of the curriculum.
How does the package support variable learning/ accelerative practices to ensure that students can access learning at their correct year level?	• Placement – use OTJ’s and PATS to match curriculum year, then match to the Numicon book using the Numicon table on our website. • For students in Years 7 and 8 who are progressing towards curriculum level, the teacher has access to the previous years’ learning to incorporate the Key Mathematical ideas at the beginning of the week and then introduce the expected year level curriculum through the remainder of the week. Reference to previous year’s learning is made in the Education Context for each week. • ‘Low threshold high ceiling’ teaching activities across the week enable teachers to support accelerative learning and extend learners in all achievement groups. • Incremental steps address gaps in understanding, thus accelerating progress. • Student Books – Practice and Going Deeper investigations also support variable learning in Phases 2 and 3. • Mixed years classes planning can also be used to close gaps in understanding and accelerate outcomes. • When a school chooses Numicon, they will have access to every year of teaching from Years 0-8.	How are New Zealand contexts reflected in these resources?	• Translations to Te Reo Māori have been made of the assessment resources • Supporting resources in Te Reo Māori and Pasifika languages are freely available on the Numicon NZ website. • Māori and Pasifika maths lessons are being written in all strands. • Student books include NZ currency and the NZ metric system.
What digital teacher tools are available for explicit and intentional teaching? For example, can teachers present materials on a large screen to support teaching?	• Interactive whiteboard software is accessible on any screen, computer, iPad and/or chrome book with visual models to support the use of concrete materials and development towards abstract representation and reasoning in maths. For example, interactive visual modelling in using the pan balance to demonstrating equals and unequal’s, partitioning of numbers, patterns in the times tables, using an interactive spinner for number and probability games. • Independent practice and problem-solving activities that are drawing on earlier explicit teaching can be easily projected on large screens for ease of availability around the classroom. • Starter images from the week’s learning is a great introduction to the learning for the week. It encourages conversation, connecting to past learning and relate their own experiences to the maths in the setting, e.g. roller coaster and arrays or eggs in a 6-pack carton to demonstrate inverse relationships of addition and subtraction. • The opening page from the Student Books can be shown to students as a follow-up activity or review from previous learning.	How have your resources been adapted to meet the requirements of the revised Mathematics and Statistics learning area in the NZC?	8 new units, plus a host of individual lessons interwoven throughout the materials, have been written across Numicon 1-6 to cover the needs of the revised curriculum. These are now live on Numicon Online. Student Books include local contexts and currency, and the currency adaptations are now being rolled out across all other content. NZ specific mathematical terminology is being added e.g. GEMA instead of BODMAS.
How does this package support distance learning?	Schools have full access to “Firm Foundations Online” and “Numicon Online” across all year levels. This includes Teacher access to: • Teaching eBooks – access to every year level • NZ Curriculum Links • Key Mathematical Ideas • Teaching Progressions • Teaching Activities (lessons) • Links to further practice • Interactive software • Videos offering PD support. Interactive software is available for students which provides access to digital manipulatives to use on iPads and Chromebooks when doing independent and group activities. They can take screenshots which can be sent to the teacher and where appropriate, to the school based home-school sharing platform.	Will schools need to purchase any additional materials in order to use these resources?	If schools do not already have pan balances or similar, these would be an added purchase, but all core resources are provided.
How does this package support multi-year level class teaching?	Mixed year class planning is provided on the Numicon website, typically showing a topic taught to all levels together, but with differing learning expectations to match the curriculum demands.	How does this package provide opportunities to extend learners?	• Use the Numicon Mapping Chart downloadable from Numicon Online NZ to see what the next steps are for future years and how they relate for the week you are teaching. • Use the ‘Going Deeper’ sections from the Student Books for Years 4 - 8 to challenge students. ‘Going deeper’ questions are designed to develop children’s growing conceptual and procedural understanding of an area, challenging their understanding beyond routine exercises • At the conclusion of the lesson - The Connecting and Reflecting questions available, allow for whole class discussions, enabling students to think deeper about their learning, how it might be applied to everyday life and other connections in maths.

FAQs

Does your digital offering include separate Teacher & Student logins?	Yes. If you go to https://www.oxfordowl.co.uk/login?active-tab=teachers you will see that you can log in as a Student, a Teacher, or as a Parent. Oxford Owl also has a free section for all families - Oxford for Home which includes many supports for parents and children across the school curriculum, not just maths.
How can digital licenses for new student enrolments and teachers be allocated?	Once you have a subscription you can add as many teachers and students as you like - there is no restriction. We encourage schools to add people like teacher aides, SENCOs, and other support staff where they need access. Teachers can be added by the school themselves - they do not need Numicon do this for them.