

RICH TASKS IN SEQUENTIAL UNITS TRIED-AND-TESTED BY AUSTRALIAN MATHS LEADERS AND TEACHERS

All lessons are hands-on and materials-based. Units first focus on building students' understanding and reasoning skills, mostly working in pairs, then progress to problem-solving and developing fluency as the sequence progresses. Learning intentions are progressively more challenging throughout each unit and lessons are sequenced to build on prior learning experiences. Each early years unit has direct curriculum links, including content descriptors and elaborations. Many teachers use the units as their work programs, spending time preparing to teach each lesson excellently, rather than reinventing the wheel.

SUPPORT FOR TEACHERS: ONGOING PL AND PLANNING SUPPORT THAT IS IMMEDIATELY RELEVANT TO EACH TEACHER, EACH DAY

Every lesson includes teaching dialogue, including key vocabulary, questioning prompts, feedback tips and, most notably, colour photographs of numeracy leaders modelling with materials (whole-class fishbowl modelling at desks). The package contains over 1000 illustrative photographs of lessons in action in Australian classrooms and student work samples from specific year levels. These photographs are designed to best assist time-constrained teachers, or teachers who are more confident in literacy instruction. Every element of the units supports teachers to achieve sequential, strategy-based learning intentions, inspiring and supporting teams to use materials and rich tasks with their students more often.

EXTENSION AND SUPPORT

Each lesson includes comprehensive enabling and extending prompts. Each unit's folder also includes extension and support resources, including differentiated recording templates. Support and extension options use the same lesson context and mostly the same materials, enabling teachers to target students at their points-of-need without preparing three or four separate tasks. This keeps students engaged, growing and experiencing challenges aimed at their ZPD. Many lessons include multiple extensions to provide teachers with more options to choose the level of additional challenge, allowing flexibility to include mid-range students who are ready for initial extension.

DIAGNOSTIC AND FORMATIVE GROWTH ASSESSMENTS

The package includes diagnostic pre- and post-assessment options, as well as formative assessment integrated into each unit at key check-in points. Diagnostic assessments specifically highlight points-of-need and developmental gaps at an individual student and whole-cohort level, then show growth in specific skills. All assessments are strategy-based and require students to show mathematical thinking (not just answers). The formative assessments include cross-check templates with success criteria for easy notetaking by teachers, and exit tickets within the units. There is also a one-to-one interview entry-to-school interview.

RESEARCH-BASED AND PRACTICAL, TRIED-AND-TESTED IN DISADVANTAGED AREAS

Based on the research of leading Australian numeracy experts, bringing this into a practical and actionable format for teachers on a day-by-day basis. Each lesson has been tried-and-tested in classrooms for three to ten years. For matched student cohorts, our program is proven to achieve amongst the very highest student gain results in Australia; see our feedback and results page.