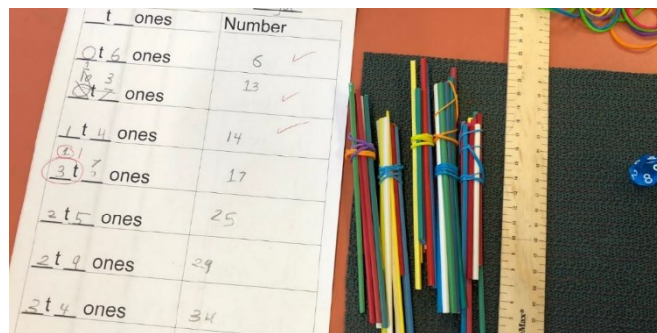
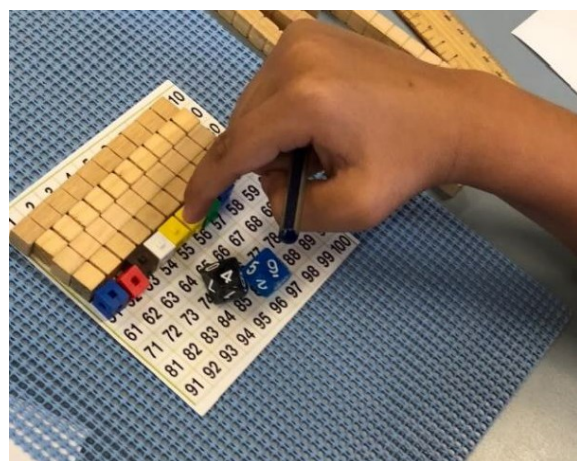


# Contents of the New Early Years Pack

- 500 hands-on maths lessons within 50 Early Years Units. Each unit is developmentally-sequenced with explicit teaching tasks. The sample pack is only a short excerpt, showing 9 of the 500 concretely modelled lessons for the first three years of primary maths.

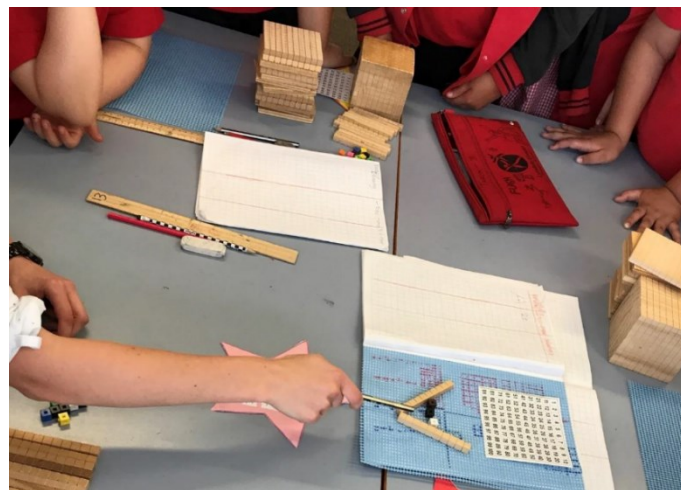


- All sessions use photographs of classroom modelling, lessons in action in classrooms and student work samples (over 1000 new photographs) to support teachers to deliver excellent hands-on maths lessons with confidence.
- Every unit, sequential skill and new strategy starts with a **heavy emphasis on materials, prioritising understanding** and providing students with the time to create strong conceptions. This takes maths back to its origins to grow strong mathematicians, in stark contrast to using worksheets or click-technologies.
- Students **record their working out during each session** using provided templates or modelled set ups in their grid books. Teachers are supported to show students how the working out matches the materials they are using and what it should specifically look like in a student's grid book, not the whiteboard. Students use recording to articulate their mathematical thinking and reasoning, as well as discussing their strategies orally with their maths buddy throughout every lesson.



- **Easy-to-use scope and sequence with week-by-week recommended unit timings for each level**, providing the time teachers and students need to master (not cover) critical skills.
- Each unit is **directly linked to each level's content**, adding detail, depth and day-by-day planning support for teachers throughout the entire year.

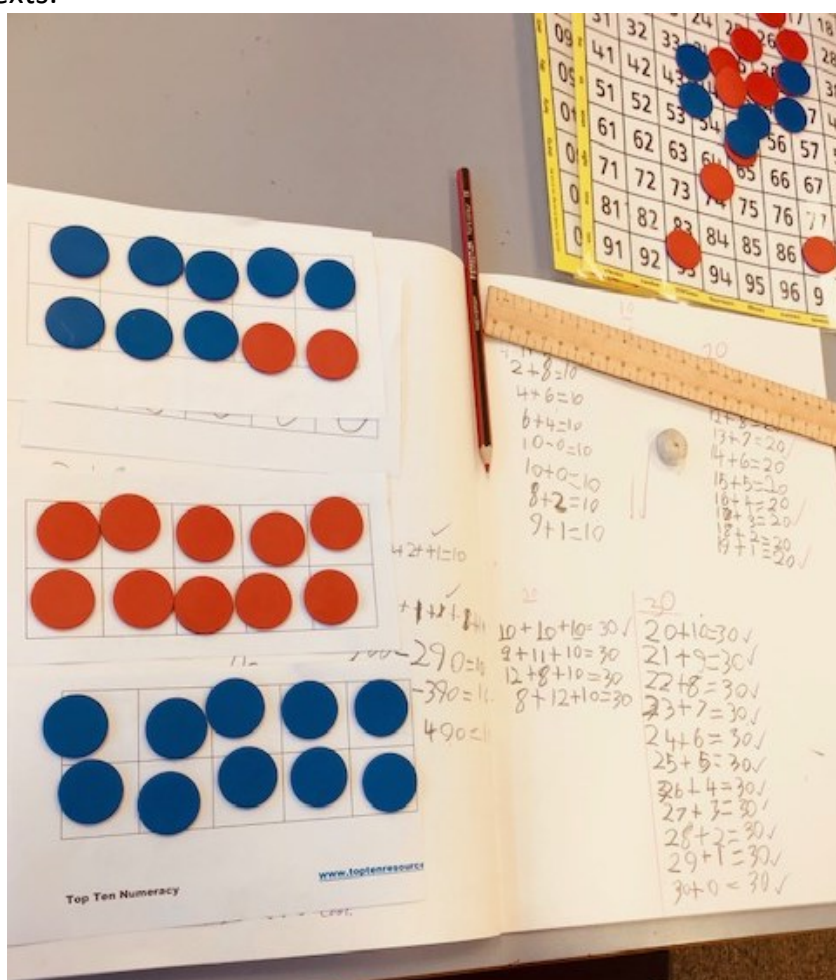
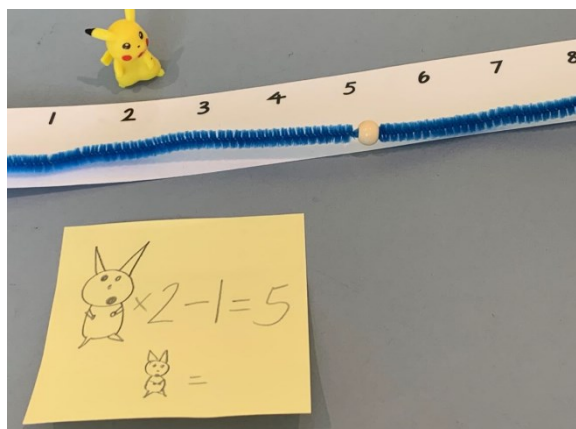
- **Questioning prompts, feedback tips and easy-to-follow modelling tips for every session.** Ongoing professional learning is provided through teaching tips and numeracy expert reading summaries at the start of each unit. This provides teams with focused mini-professional development in advance of teaching that content – precisely when this will produce the most impact. Misconception alerts are highlighted within each unit and lessons at relevant points, in addition to questioning prompts and feedback tips within every session.



- **Critical checkpoints** provide teams with clear and realistic goals, targeting each key skill and big idea for each year level, forming a powerful whole-school scope and sequence.
- **Learning intentions and key mathematical vocabulary** are summarised at the top of each lesson for teachers to emphasise at key points throughout the session.
- **Engaging hooks** start every lesson by igniting students' love and excitement for maths, authentically linking the content to students' interests and real-life contexts.



- **Over 100 warm-ups integrated into each unit** and specifically focused on each skill. Warm-ups front-load challenging concepts, use number talks to develop reasoning and strong mental maths skills, and revise previous developmental steps to build fluency.



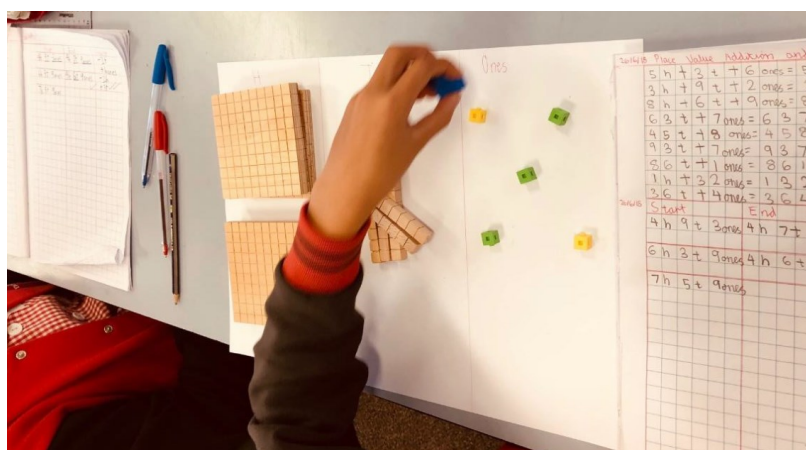
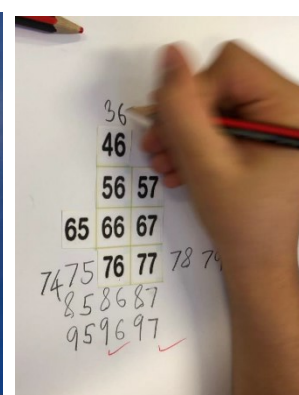


- **Diagnostic assessments that highlight students' points-of-need** and automatically calculate growth, directly aligned to each year level's content. Each assessment focuses on students explaining their thinking and showing efficient mathematical strategies (not just answers). These assessments link directly back to each unit within the early years pack, making data immediately actionable for teams.

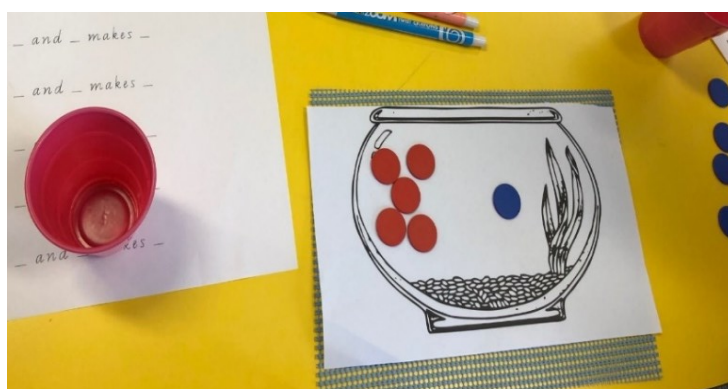
- **Formative assessments** are also integrated throughout the early years units, including quick exit tickets and ongoing teacher cross-check templates with progressive learning goals, including extension and support student goals for each unit.

- **Scaffolded support for at-risk students through enabling prompts**, which include modified recording templates, more visual aids and lesson variations that target developmental gaps such as subitising and partitioning.

- **Comprehensive extension planning** within every session to progressively increase the challenge level of the session. The first extending prompt also caters for mid-range students who achieve the first level of the task, assisting teachers to regularly and confidently deliver in-class extension as needed.



**Whole-school outright purchase** of all units for continued use with **no year-by-year subscription costs**. More information and order forms are available at [www.toptenresources.com](http://www.toptenresources.com). Please email any questions to [maths@toptenresources.com](mailto:maths@toptenresources.com)





# Early Years Hands-on Maths Planning Pack

**50 Early Years Units with complete years of day-by-day hands-on maths planning support from the start of school up to Year 3**

## **The First Year of School**

Unit 1 – Foundations for counting  
Unit 2 – Count to 3, then to 6  
Unit 3 – Count to 10  
Unit 4 – Form digits correctly  
Unit 5 – See small collections (structured subitising)  
Unit 6 – See small collections (flexible subitising)  
Unit 7 – Compare numbers up to 10 and understand zero  
Unit 8 – One more and one less

## **Addition**

Unit 1 – Practical addition situations for count all  
Unit 2 – One more, two more  
Unit 3 – Count on  
Unit 4 – Partition (ways to make) the numbers 3 to 9  
Unit 5 – 10 facts  
Unit 6 – Double facts  
Unit 7 – Near doubles  
Unit 8 – Build to 10

## **Year 1 & Year 2 Place Value**

Unit 9 – Pre-base-ten renaming (for Year 1)  
Unit 10 – Ordinal numbers  
Unit 11 – Count to 120  
Unit 12 – Make, read, write and compare two-digit numbers  
Unit 13 – Teen numbers  
Unit 14 – Rounding and real-life estimation, including number lines  
Unit 15 – Make, read, write and compare three-digit numbers  
Unit 16 – Renaming (Years 2 & 3)

## **Subtraction**

Unit 1 – Physical take away actions  
Unit 2 – One less, two less  
Unit 3 – Count back strategy  
Unit 4 – Difference between  
Unit 5 – Backwards 10 facts  
Unit 6 – Backwards doubles  
Unit 7 – Addition and subtraction fact families

## **Money**

Unit 1 – Identify and use coins  
Unit 2 – Calculate totals

## **Multiplication**

Unit 1 – Make equal groups  
Unit 2 – Skip-counting  
Unit 3 – Repeated addition  
Unit 4 – Multiply using arrays

## **Division**

Unit 1 – Share between two  
Unit 2 – Create equal shares  
Unit 3 – Quotition division and divide by skip-counting

<p><b>Patterns and Algebra</b></p> <p>Unit 1 – Patterns with objects and counting by ones</p> <p>Unit 2 – Skip-counting by 2, 10 and 5, including missing elements</p> <p>Unit 3 – Addition and subtraction patterns, balancing equations</p>	<p><b>Fractions</b></p> <p>Unit 1 – Understanding fractions as ‘out of’</p> <p>Unit 2 – Halves, quarters and eighths of wholes and collections</p> <p>Unit 3 – Creating, naming and comparing proper fractions</p>
<p><b>Each lesson has photographs of student work samples and classroom modelling with materials; pre-planned extension and support; and all recording templates in each folder.</b></p> <p><b>Day-by-day support:</b> All lessons provide detailed planning assistance to teachers of all confidence levels in numeracy instruction, with hundreds of practical options to achieve each year level’s content on a day-by-day basis.</p>	
<p><b>Curriculum Links highlighted at the beginning of each developmental step:</b> Directly aligns each unit to specific content descriptors. Each lesson includes a specific <b>learning intention</b> and highlights the <b>mathematical vocabulary</b> to develop with students.</p>	
<p><b>Early Years Diagnostic Assessments for all units:</b> Early-years-friendly assessments that focus on strategies (not just answers). Click on the developmental gap our spreadsheet highlights for lessons best-suited to your class’ points-of-need. Units contain questioning and feedback tips, as well as formative assessments, including cross-checks with learning goals for support, mid-range and extension students.</p>	
<p><b>Scope and Sequence and Critical Checkpoints for each year level:</b> Easy-to-use suggested unit timing allocations and developmental goals for all year levels. This builds a powerful whole-school sequence, where each team’s key focuses support the next year level.</p>	
<p><b>Ongoing professional learning while teaching</b></p>	<p>Numeracy experts’ most pertinent tips at the start of each unit. Professional reading summaries.</p> <p><b>Ongoing, day-by-day modelling and planning support for teachers throughout all units.</b></p>
<p><b>Warm-ups for each developmental step</b></p>	<p><b>Over 100 warm-ups built into the units.</b></p> <p>Warm-ups revise earlier developmental steps, build mental strategies and front-load upcoming skills through hands-on games and number talks.</p>
<p><b>Extension and support built into each task</b></p>	<p>Enabling prompts to scaffold each task with in-class intervention for at-risk students. Comprehensive, multi-levelled extending prompts to increase each challenge.</p>