



**A sequential, materials-based, hands-on approach to primary mathematics**

# Feedback from Top Ten member schools

“Top Ten has reinvigorated and improved maths teaching and learning at Yeo Park within a few short terms. Teachers find the differentiation included in each lesson and within assessment has allowed them to cater to individuals successfully. We love the maths library and lessons! The best part for us, as a school who teaches using inquiry methodology is that Top Ten is centered around student inquiry, problem solving, hands on, engaging lessons that the teacher will enjoy delivering.”

**Ms Fiona Wood, Yeo Park Infants School, Sydney (2019)**

“We love the hands on activities and pictures that show you exactly what to do! Both our students and teachers are happier since we have used Top Ten Maths packs.”

**Nicki, Instructional Leader, Narranga Public School, NSW (2019)**

“An excellent hands on resource that links literacy and numeracy.”

**Melissa, Instructional Leader of Numeracy, Hurstville Public School, NSW (2019)**

# Feedback from Top Ten member schools

“The hands-on tasks and the thinking about maths is inspiring.”

**Ms Kath Cambetis, Deputy Principal, South Kalgoorlie Primary School (2019)**

“I love learning new things and your whole framework surrounding Maths certainly is a great fit for our students at this school. The approach by Top Ten is a resource that encompasses exemplary pedagogy with a view to supporting the whole child (auditory, sensory, processing and fine motor skills) to ensure high engagement with Mathematics. It is educative, information and definitely hands-on.”

**Ms Jenny Bruce, Deputy Principal, South Kalgoorlie Primary School (2019)**

“Our school is loving the program. The yearly overviews provide a very clear guide for teachers to follow. The diagnostic tests are also fabulous in identifying student strengths and areas in need of development.”

**Mr Shane Wilson, Principal, Marble Bar Primary School (2018)**

# Feedback from Top Ten member schools

“Our teachers are actually enjoying teaching maths again! The way Top Ten is set up takes the guesswork out of planning. We love the packs!”

**Ms Michelle Young, Principal, Bruthen Primary School (2019)**

“The packs have high quality mathematics teaching that is hands-on with everything you need in one spot. Fantastic lessons! Making outstanding mathematics teaching easy!”

**Ms Donna Krenn, Assistant Principal, The Basin Primary School (2019)**

“We were looking for something to make our maths teaching more engaging and real for our students, and we found something really great in Top Ten. The activities are fun and interesting for the students, but also explicitly target needed skills. I’ve especially loved watching students at all levels building a deep conceptual understanding of key maths ideas, which they can easily transfer to subsequent tasks. Best of all, the students are excited when they see maths on the timetable!”

**Mr Steven Edwards, Numeracy Leading Teacher, Mill Park Primary School (2018)**

# Feedback from Top Ten member schools

“We are really enjoying using Top Ten and have actively embraced it as an important resource for planning. There has been a lot of positive feedback from parents and students about how much they enjoy learning maths now. Thank you for your amazing resource.”

**Ms Nicole Nolan, Junior School Mathematics Leader,  
The Hills Grammar School (2019)**

“The resources have been extremely well received by the teachers at St Andrews PS. They have been sharing resources, strategies, tips and successes. It is being used everyday! We are loving the Numeracy Library and the linked lessons. We particularly like the hands-on approach, the variety of activities, the scope and sequence and the ability for differentiation, support and extension.”

**Mr Dean Simpson, Principal, St Andrews PS (2018)**

# Feedback from Top Ten member schools

“Every student at our school is experiencing success with Maths every day. This program has revolutionised the way in which our students feel about Maths. It has led to astoundingly improved student engagement and comprehensive progress in student outcomes. The pre and post testing component is invaluable, in that it continually directs teaching towards targeting specific goals that are achievable for each student. All lessons utilise peer teaching and practice, and zero in on understanding the language of Maths which is crucial for students to attain real, deep and rich understandings of the concepts being taught.”

**Ms Rebecca Szeremeta, Numeracy Leader, Thomastown East PS (2018)**

“All of our year levels are using it as a starting point for planning. Teachers love the literacy links and connections and the great rich tasks. It has added so much to our teachers' confidence.”

**Ms Jodie Bray, Principal, Hillsmeade PS (2017)**

# Feedback from Top Ten member schools

“We love the clear learning intentions; enabling and extending prompts; and photos that show what work (especially recording methods) might look like in a real classroom. The packs are teacher-friendly. The activities are engaging and fun for the learners and teachers too. They use simple equipment in a variety of ways.”

**Sue and Katrina, Maths Leaders, Pakenham Hills PS (2019)**

“We have been using Top Ten for most of the 2019 school year. It’s been great to help teachers develop or refresh their understanding of the developmental sequence of learning. The lessons are extremely hands on and the linked resources support our maths pedagogy of open, inquiry maths learning.”

**Ms Tracey Silvers, Numeracy Learning Specialist, Ashburton PS (2019)**

# Feedback from Top Ten member schools

“We have been thrilled with the Top Ten Maths program and recommended this widely to other schools as it has been so helpful to my school. The resources have been received highly by my staff.”

**Mrs Kerry Coffey, Principal, Fleetwood PS (2017)**

“The Top Ten Numeracy Package is bursting with great lesson, modelling and warm-up ideas, as well as suggested resources (e.g. picture story books). The activities are engaging, easy to follow and well-supported by accompanying photos. They build on and develop mathematical conceptual understandings sequentially. The Pre- and Post-assessment tasks are useful for measuring prior knowledge and growth in learning.”

**Ms Penny Esposito, Maths PLT Leader, Heany Park PS (2017)**

# Feedback from Top Ten member schools

“The staff have really enjoyed exploring the rich, engaging and well-planned resources. This resource is used heavily for our planning. The students love the engaging, hands-on lessons.”

**Numeracy Leader, St James PS Vermont (2018)**

“A highly engaging and inspiring maths PD day, full of hands on learning with an abundance of activities to take back to our classrooms the very next day. All teachers and learning support officers learnt so much about place value on our day.”

**Ms Jayne Brown, Numeracy Leader, St John's PS Dennington (2019)**

# Feedback from Top Ten member schools

“We have just reviewed our whole school model of maths instruction. The Top Ten Numeracy Package fit perfectly into the new model that we created and assisted teachers to implement our model with ease. The engaging hook activities were particularly utilised, as this was the newest element of our model. Staff found that there were many fabulous ideas for these hooks and it actually inspired them to come up with their own ideas. The highlight is the highly engaging activities, particularly the 'zero worksheet' element of the resource. Many other resources just provide you with worksheets to use.”

**Ms Lauren Ray, Curriculum Coordinator, White Hills PS (2017)**

“This is a great resource for staff. All components are user friendly and easy to use. The resource has been a great hit with our staff and is being extensively used by teachers at all year levels.”

**Mrs Sue Jones, Principal, Cranbourne Park PS (2017)**

# About us

- Top Ten was founded and is entirely owned by Australian primary school teachers, not programmers or IT graduates. All units were created, then tried-and-tested in Australian classrooms for ten years (2006-2016). Our hands-on maths packs have been used by other primary schools since 2016.
- Our program is dedicated to bringing the power and joy of materials-based mathematics to life in every Australian classroom and to make engaging, high-impact mathematics instruction achievable for every Australian teacher.

# How Top Ten is different to other approaches to numeracy instruction

- Top Ten teaches maths using a hands-on approach, not worksheets or click-answer technologies. We take primary maths back to its origins – back to materials.
- While we often use technology (YouTube clips, interactive games, links to students' interests) as engaging hooks to tune-in students, the critical mathematical skills are established through explicit teacher modelling (fishbowls with materials) and with students using manipulatives to develop conceptions and efficient strategies.
- All units are developmentally-sequenced, taking teachers and students on a journey through the big ideas of mathematics.
- Top Ten diagnostic assessments are paper-based, focusing on strategies, not just answers. These then pinpoint developmental gaps using spreadsheets that calculate points-of-need, gaps, growth and value-add before and after each unit. Formative assessments are also built into the units.
- While all lessons and units are developmentally-sequenced and directly aligned to the Australian and each state's curriculum, our units go beyond what to teach and support teachers on a day-by-day basis with how to teach.

# Hands-on Maths Pack inclusions

To maximise each teacher's time, our sequential units and rich tasks include:

- Photographs of numeracy leaders' classroom modelling, lessons in action in real classrooms and detailed student work samples.
- Warm-ups and engaging hooks.
- Sequential learning intentions and relevant maths vocabulary for every session.
- Pre-planned enabling and extending prompts to cater for the wide range of abilities that exists in any classroom, with extension and support built into every rich task.
- Diagnostic and formative assessments that pinpoint points-of-need, developmental gaps, calculate growth and track impact for targeted teaching.

# Thank you for your time

More information and sample packs: [www.toptenresources.com](http://www.toptenresources.com),  
early years and years 3-6 packs

Enquiries or questions: [maths@toptenresources.com](mailto:maths@toptenresources.com)

