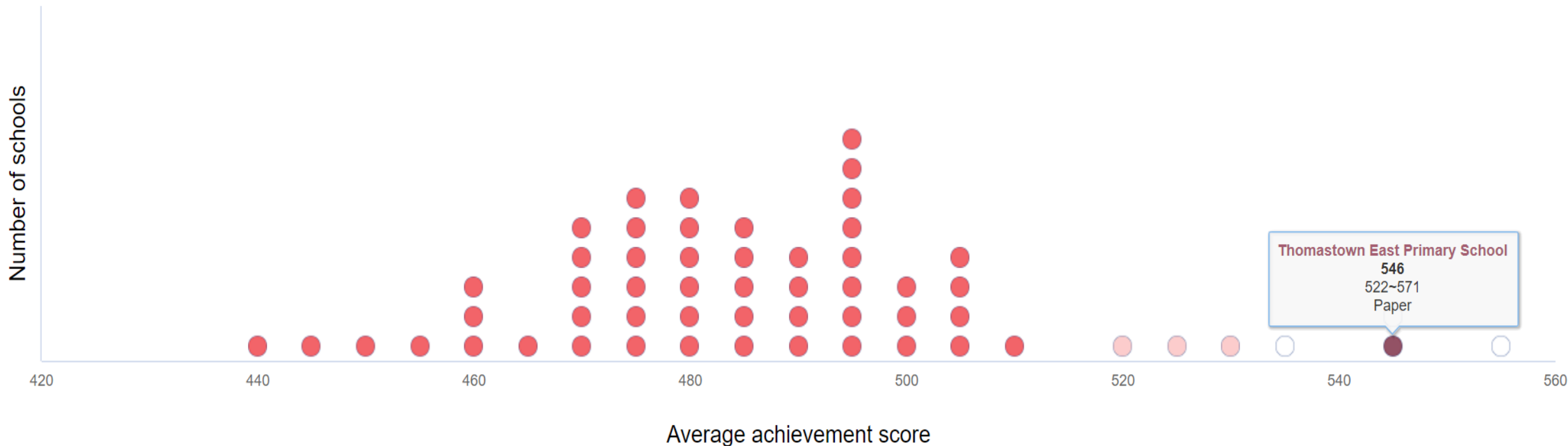


**Intensively piloted as part of
numeracy consultancy work
and an intensive research project
at three Australian primary schools
(different sized campuses, all in
disadvantaged regions)
between 2016 and 2018 (pre-COVID)**

Intensive term-by-term numeracy coaching, planning workshops with teams and curriculum days over the course of two years.

NAPLAN student gains and comparisons to like and all Australian schools published by ACARA are detailed in this document.

Year 5 Numeracy Similar schools

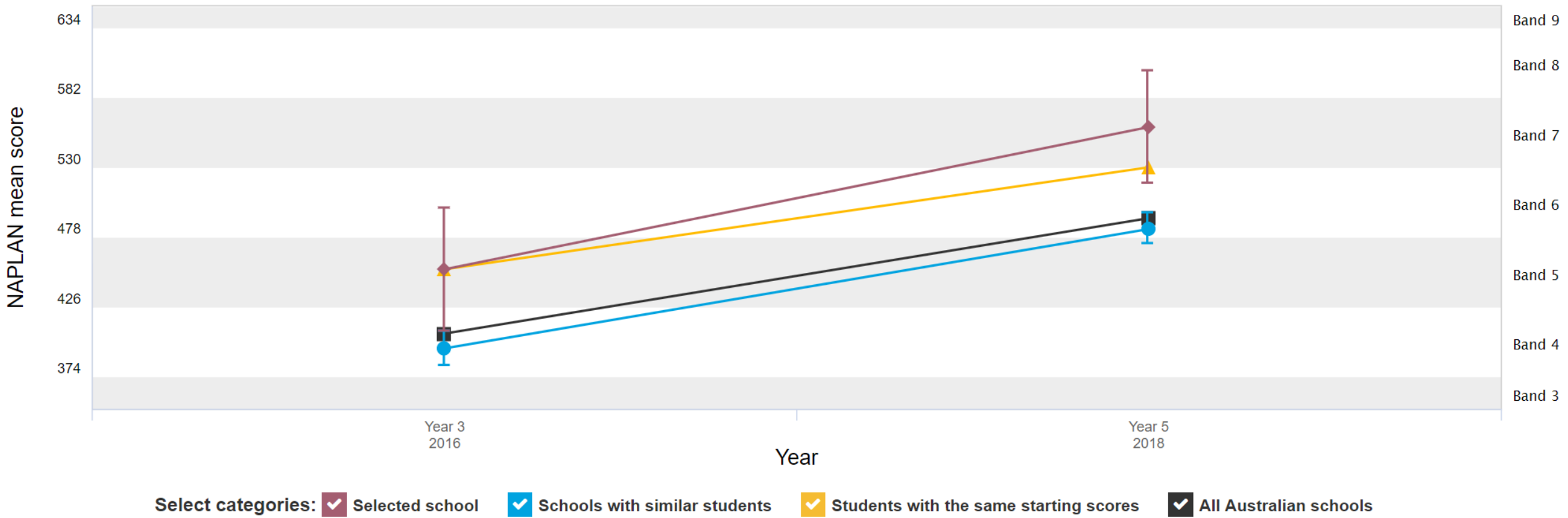


Partner PD School Thomastown East Primary School (medium school, 200 students)

This school's maths leaders were tasked by the Principal with finding the country's best program for numeracy and implementing it school-wide. Both leaders chose Top Ten Mathematics. Teams had PD during planning times and classroom modelling every term throughout 2017 and 2018.

A clear outlier result (as shown above) in terms of both student gain and raw scores in numeracy, when compared to similar or all schools.

Year 3-5 Numeracy 2016-2018 Median



Continues to make significantly higher than average gains in numeracy despite the higher starting point of its students from year 3 to 5, relative to both all schools and similar schools. Most schools with high year 3 results drop off by year 5 (yellow line), but not Top Ten Maths PD schools (burgundy data line of Thomastown East).

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 over ten years (2006 to present). Our hands-on maths packs have been used by non-pilot 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 uses a hands-on approach to maths, 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 (for example, the New NSW Syllabus, WA Curriculum and Victorian 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, emphasise growth and track impact, all based on students using strategies (not just clicking answers).

Thank you for your time

More information and sample packs: www.toptenresources.com

Enquiries or questions: maths@toptenresources.com

A decorative blue geometric shape at the bottom of the slide, consisting of a large blue trapezoidal area with a smaller blue triangle pointing upwards from its top edge, centered horizontally.