



Kingslake Primary School

TOP

Top Ten Mathematics
PILOT SCHOOL CASE STUDY



Kinglake
Primary School

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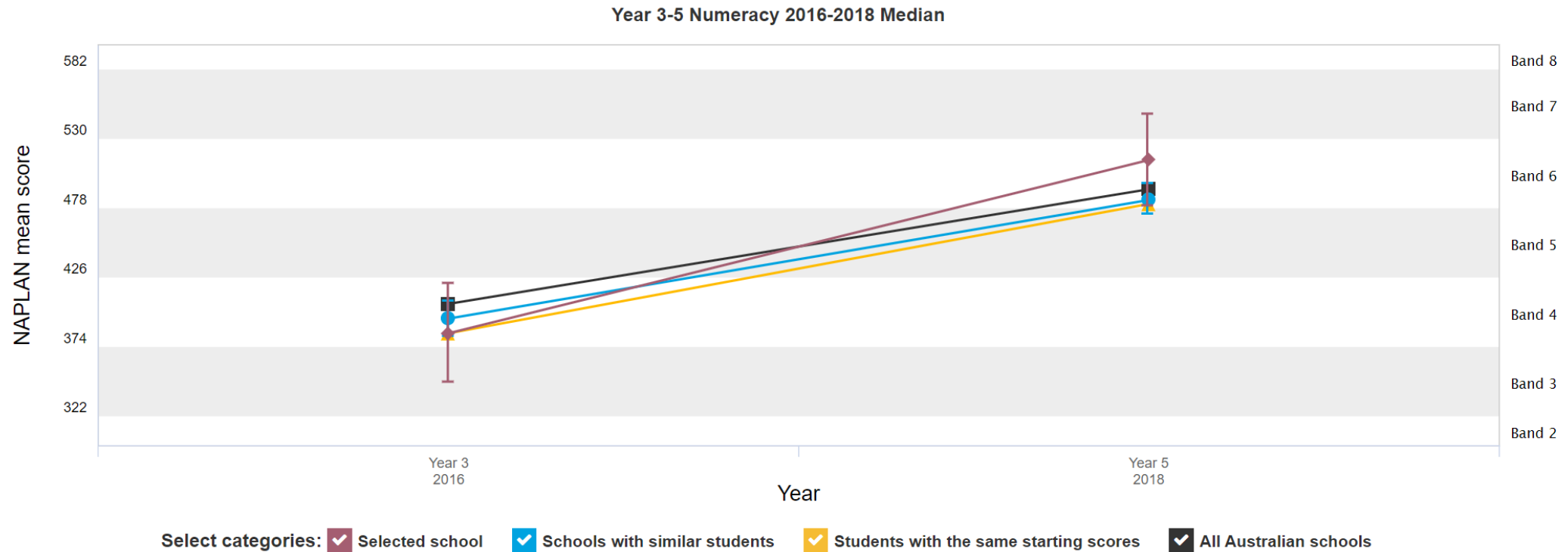
Kinglake PS was one of the three initial Top Ten Mathematics pilot schools.

Kinglake was looking for a change in their approach to numeracy with a focus on whole-school consistency, critical skills and student engagement.

With Top Ten, Kinglake teams implemented a consistent, whole-school approach through intensive full-day professional learning workshops and planning sessions delivered by Top Ten numeracy coaches from 2017 to 2019. Their principal and maths leader credited Top Ten Mathematics for their exceptional results and student gains, noting the power of the hands-on, engaging approach.

The maths leader of Kinglake also commenced a 'Mini Mathematicians Playgroup,' based on the Top Ten Mathematics Program. For Kinglake PS, Top Ten Mathematics became a point-of-difference for enrolling families and in the region.

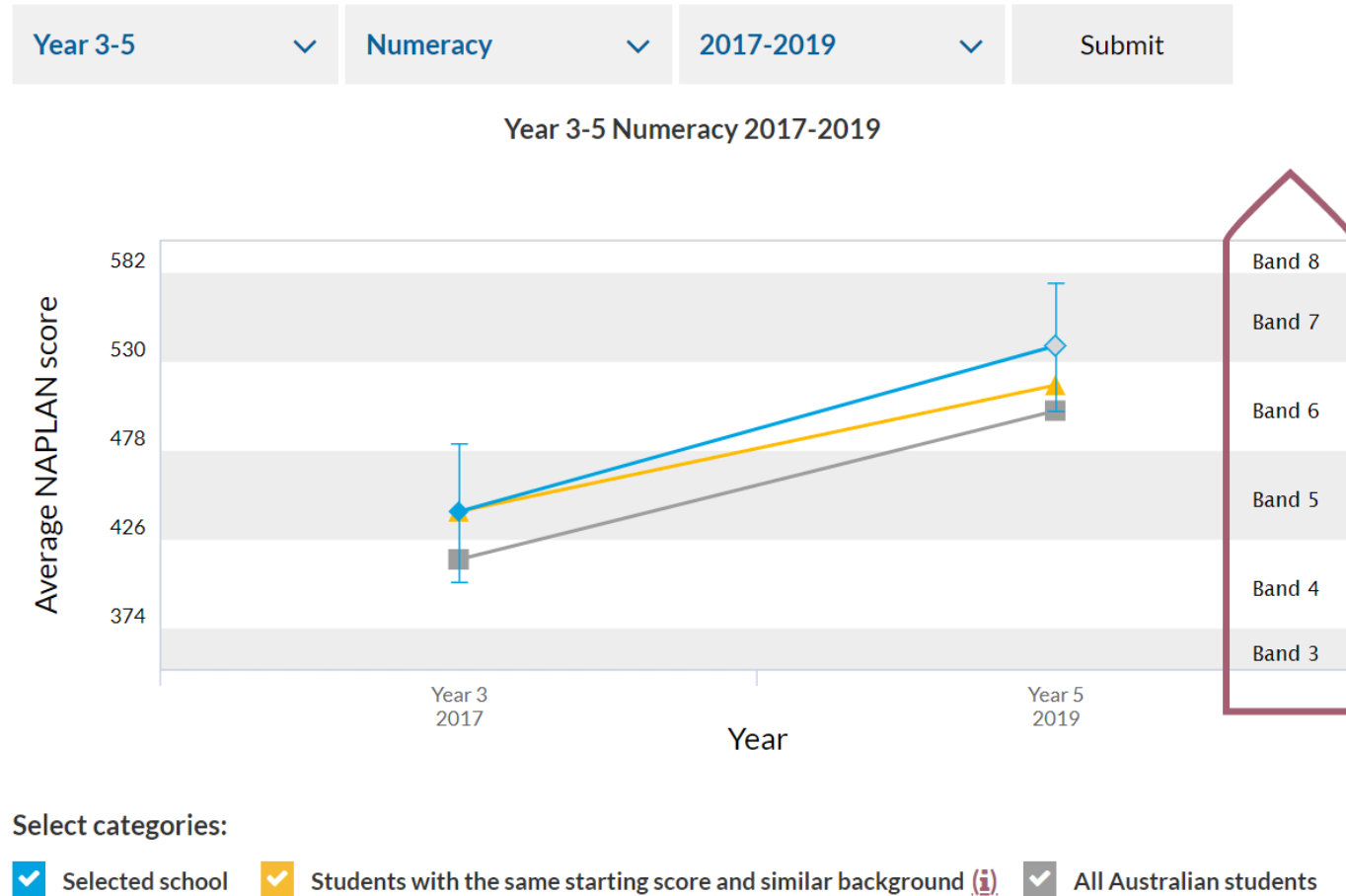
Student gain results since implementing Top Ten Mathematics



Percentage of students in this year level for whom previous NAPLAN results (2 years prior) are available: 93%

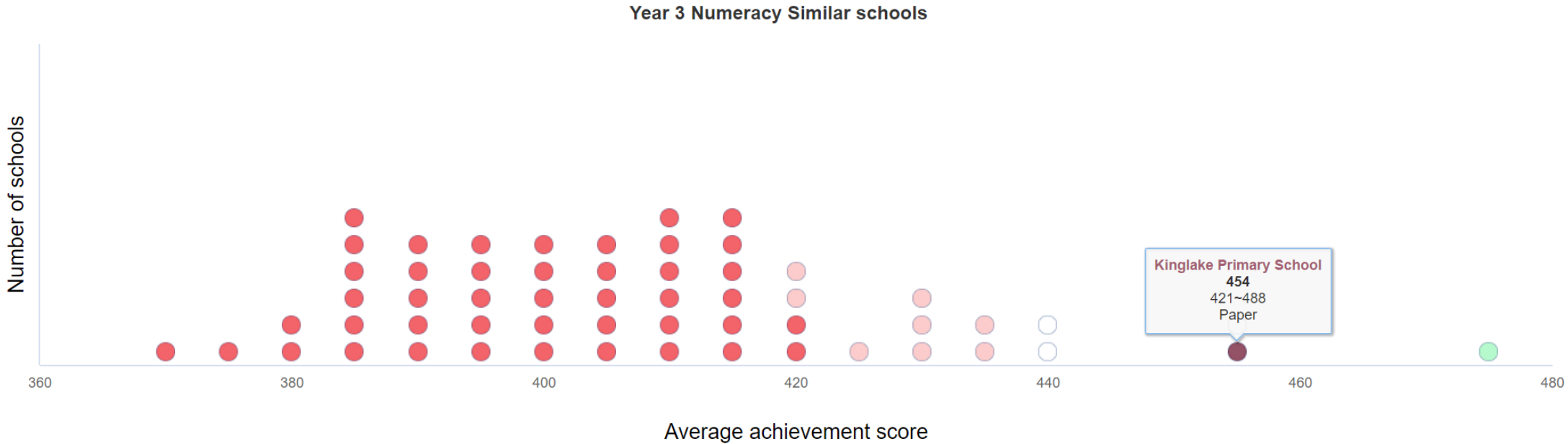
The Kinglake cohort started below both like schools and all Australian schools, but following two years of Top Ten trials exceeded all like schools bar one and significantly exceeded the all Australian schools achievement score and student gains. While in other like schools (blue and yellow lines) the matched student cohorts had average student gains from year 3 to 5, at Kinglake PS student gains between these year levels was notably higher (by almost an entire band). Both the growth and raw scores at Kinglake PS overtook like schools after using Top Ten.

Student gain results since implementing Top Ten Mathematics



Further excellent results in the following year, with students improving by an entire band from the previous year and almost a full band above all Australian schools. The school was well below the all Australian achievement score only two years earlier. *Note: The mySchool graph has changed colours – Kinglake line is now light blue, whereas it was burgundy.*

Student gain results since implementing Top Ten Mathematics



Source: My School NAPLAN data

Following years of low achievement scores, in 2018, year 3 students at Kinglake PS performed the highest out of all like government schools' year 3 students and the second highest of all like schools in Australia (the highest was a catholic college).

Top Ten Mathematics was an inspiration for the Mini Mathematicians mornings run by Kinglake's numeracy leader.

The school's approach to numeracy became a key point of difference for enrolling families and feature of enrolment tours.

Teachers have confidence in their instructional model and strategies, training new team members. Kinglake PS is now a leader in their region.



Mini Mathematicians Playgroup

At Kinglake Primary, 20 McMabons Road Kinglake Term 1 2019.

Kinglake Primary School invites you to join in the fun of our Free "Mini-mathematician" playgroup!

*Looking for a playgroup with a difference, with a twist...with something special?!.....then come along and experience parts of our numeracy program **TOP TEN MATHEMATICS** and have some fun with hands on maths...play games, dance to songs, read stories, create and work with early mathematical concepts in an authentic and supportive play based environment.*

All pre-school children and playgroup-aged children are welcome!

Dates: TERM 1 Timetable - 9.15am -10.15am

In the multi-purpose room

Thursday Jan 31st

Thursday Feb 7th

Thursday Feb 14th

Thursday Feb 21st

Thursday Feb 28th

Thursday Mar 7th

Thursday Mar 14th

Thursday Mar 21st

Thursday Mar 28th

Thursday Apr 4th

