

2024 Operational Plan: Mathematics



Vision Statement

We focus on innovation and creativity to produce students who are engaged and strive to be successful. We work together to develop students who are respectful, resilient, honest and embrace the strength in diversity.

Milestones/Targets	Key Strategies	Assessment/Monitoring/ Evaluation
<p>80% of Year 3 students will make moderate to excellent progress from PP On-Entry to Year 3 NAPLAN testing in Maths.</p>	<ul style="list-style-type: none"> • Early Invention Program PP/YR 1(Bond Blocks) Review trialling classes Pre/Post-test, WWW, EBI. Replenish missing materials (spinners, sleeves, counters, laminating extension/support materials). Staff to be released/relief required. PL already purchased and accessible. (Relief) • Trial 1 x Kindy Kit Bond Blocks PL- 1x Kindy Class (\$430 set) (Relief) • Rollout Bond Blocks to all PP classes (\$430 x 3) PL- already purchased and accessible PP 4x Classes (Relief) • Rollout Bond Blocks to all Yr1 classes (12 sets and plus extra materials and trolley) Purchasing 3 x additional sets of Bond Blocks to be shared between Year One/Year Two • Trialling classes to access PL of Bond Blocks online across the different year levels (to see the progression for extension and remediation). PL for Maths Committee members. Relief days for PP/1Staff to complete Online Bond Blocks PD (Purchased training online whole school license). • Continue Early Intervention Program-Track specific students. Pat M/Naplan-Pre/Post Data Intervention • Investigate extension opportunities for high end students. Possible Top Ten Maths/-PL- Paul Swan and Narelle Rice – Making High Impact Mathematics Monday 26th February 2024- 5 staff-Maths Committee (\$220 Early bird price if booked prior to 30th December 2023 or \$275 PP after date=\$1375) per person plus relief. • Teaching Mathematics through storybooks- F-1 Digital membership \$129 ebook digital licence • Storybooks to accompany Year Level shared approximately \$400 and storage box • Teaching Mathematics through storybooks- 2-3 Digital membership \$129 ebook digital licence • Storybooks to accompany year level shared approximately \$400 and storage box • Early Intervention (3 days per week Bond Blocks 1-3, JEMM 4-6) Tamara Dominy TBC • PP On Entry resources and Maths Storeroom/Year Level Maths Box Requirements Teddy Bear Counters, normal counters, foam dice, magnetic tens frames, Magnetic MAB blocks -to be added to each classroom box, Number Rockets-laminated game MTA, Teddies on a Train laminated Game MTA • Whole Class sets of tens frames- PP request. • APSMO- maths Quest (Continue trial 2024) • Balance scales, weights capacity resources, 3 D shapes replacements-replaced for Maths Storeroom (Year 1,2 requested) Pocket attribute Blocks, interconnecting cubes for volume • Time for Maths Committee members to design a scope and sequence for year level (draft- using current curriculum documents, Paul swan resources, Vocab scope and sequence-Pauls Swan, assessments etc) Relief for key staff. • Vocabulary Books extra 1 per year level Paul Swan \$34 per book- 8 books 	<p>Collaborative planning sessions, one per term during allocated staff meeting time.</p> <p>Meeting notes.</p> <p>NAPLAN Data Analysis (Term 3)</p> <p>Elastik Marks Book (track and analyse On Entry & NAPLAN data)</p>

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<p>Ensure NAPLAN Achievement in Year 3 and 5 Maths is consistent above the predicted school mean regardless of cohort between 2022-2024.</p> <p>At each year level (P-6) maintain the median score for the cohort tested above normal sample median score in PAT M and growth each year 2022-2024</p>	<ul style="list-style-type: none"> Investigate Numeracy blocks, daily reviews, whole school programs for implementation from 2025. Relief for key staff. Investigate intervention programs for middle to upper primary. Teaching Mathematics through storybooks- 4-5 Digital membership \$129 ebook digital licence Storybooks to accompany year level shared approximately \$400 and storage box. Continue Light house Maths- Select Staff to access PD- Relief required. Purchase whole school license for comprehension of word problems -Vocabulary Online PD Purchase whole school license for Solving Naplan Style Word Problems-Online PD Investigate extension opportunities for high end students. Promote programs and competitions. PAT M- assign PAT M test (clarify if the end of year test is it available/possible to purchase if conducting the end of the year to assign) Clarify purpose/validity PAT M aligned with Cluster as (Cluster/POLT- often use data) What do we want to do with the data? 	<p>NAPLAN Data Analysis (Term 3)</p> <p>Elastik Marks Book (track and analyse On PAT & NAPLAN data)</p> <p>ACER – PAT Platform</p>
<p>School physical environments are assessed for optimal student learning.</p>	<p>Purchase of relevant resources required (replacement of missing/damaged resources) Survey staff regarding maths boxes eg class level (What do staff require in Maths box- possible resources that are used throughout the year) Time required to purchase, audit, stocktake, refine process of accessing the maths storeroom and tidy Maths storeroom, replace broken sets etc (2 people required over a few days)</p> <p>Purchase additional MAB Blocks- kits. Make class sets in photo boxes and scanned out through the library.</p> <p>Renew Origo Stepping Stones Memberships 2024 (\$140 membership PA, 17 teachers currently accessing program).</p> <p>Curriculum Leader Professional Learning</p>	<p>Survey</p> <p>Audit & stocktake</p>