SITE IMPROVEMENT PLAN - Achievement in Numeracy 2016
For all students to become powerful learners of Mathematics, develop positive dispositions and develop rich mathematical knowledge and understanding.

<table>
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<th>Key Strategies</th>
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| 0.2 FTE Numeracy coach coaching 4 teachers and supporting all teachers, to implement quality teaching practices that enhance numeracy outcomes | • All teachers include explicit teaching of problem solving skills as part of Maths lessons and teach in Numeracy Blocks  
• Staff disposition and capacity matrix survey implemented both pre and post PD  
• Teachers sharing planned units of work and assessment strategies  
• Teachers using NAPLAN questions as part of their numeracy cycle throughout the year  
• Numbers of families who participate in Family Maths Challenges  
• Maths Challenge put in the Newsletter twice a term weeks 4 and 8 and Unit teachers display students’ efforts in the family Maths challenge.  
• Growth mindset vocabulary displayed and used in rooms  
• Assessment tasks align with Aust curriculum  
• Unit planners are used at least one per term  
• R-2 students engage with NAPLAN style questions  
• Teachers presenting tasks and questions to students in a variety of ways, that include NAPLAN style - multiple choice, two-step, worded, visual, etc.  
• Whole School Agreement published to school community | • NAPLAN and PAT testing data demonstrate positive growth as measured by expected growth points  
• Students identified as below National Standard in Years 3 & 5 in 2014 demonstrate positive growth in the 2016 NAPLAN  
• Year 3, 5 and 7 mean scores in NAPLAN are higher in relation to like schools, DECD, Western Adelaide and our previous year’s data  
• In NAPLAN testing:  
  ~ 85% of Year 5  
  ~ 75% of Year 7 students demonstrate either a medium or upper progress rate.  
  ~ 85% students achieving a C grade or higher in Maths  
  ~ Students at or above national minimum standards over time:  
    - Year 5 95%  
    - Year 7 90%  
  ~ Students in the upper two bands of NAPLAN for their year level:  
    - Year 3 30%  
    - Year 5 35%  
    - Year 7 30% |

Establish Numeracy Blocks

4 teachers involved in Big Ideas in Number PD and sharing of strategies to all staff with a focus on early years, foundational, conceptual understanding

Focus on NAPLAN numeracy preparation - reading comprehension, problem solving and transfer of skills to new contexts

PLCs implement and review units of work using PAT-Maths/I Can Do Maths/Big Ideas/NAPLAN data as a basis for collaborative planning and professional discussions

Effective mathematics practice is shared via informal PLCs/staff meetings where staff present at tables, peer observations & feedback and performance development

Family Maths challenge to engage community in Maths focus.

Focus on Growth mindsets in Mathematics – SFD and follow up staff workshops

R-2 staff focus on the numeracy continuum of learning to Year 3

Whole School Agreements in Numeracy formalised

Teachers conduct peer observation and coaching as part of Performance Development.