PRIMARY NUMERACY ACTION PLAN 2012

QUANTITATIVE DATA
- Improvement in percentage of students in higher bands of NAPLAN.
- Improved results of Stanines 4 - 9 in Years 2-6
- Improvement in Pre and Post tests in PAT Test for Numeracy - Quick Smart Year 5 And CAAS Computer Test - Quick Smart
- NAK
- Kindergarten Best Start Results continuum.
- Class Topic Assessment

WHOLE SCHOOL AGREED FOCUS
- Continued use of ICT (Smartboards) as teaching tool stimulus.
- For staff to be trained in the Australian Maths Syllabus ready for implementation in 2013.
- Trial Maths investigations using inquiry learning
- To better utilise summative and formative assessment to inform teaching.
- To develop and implement consistent and effective numeracy teaching strategies.
- Numeracy Program to assist Yrs 5 - 6. E.g. Quick Smart.
- Initiate opportunities to explore various ways of implementing Maths in the environment.
- To integrate the Working Mathematically strand and a problem solving approach into all Maths lessons.
- Introduce of Kinder Best Start Program/
- To continue Maths resourcing as required.

STRATEGIES TO ACHIEVE AGREED FOCUS
- Sharing of staff best practice in Numeracy.
- NAPLAN data analysed to determine student needs and plan appropriately.
- To provide visualisation of concrete materials through technology such as ‘Interactive Smartboard’ activities.
- Collaboration in stages to plan and implement lessons with a focus on ‘Working Mathematically’.
- Develop activities with a focus on problem solving using the 6S strategy.
- Children from years 1-6 will be using Quicksmart strategies to gain automaticity to increase their mathematical skills and knowledge.
- Emphasis on using the environment to explore mathematical problems.
- Emphasis placed on Tables and Number facts to gain automaticity.
- Intervention implemented where needed, to meet the numeracy needs of all students.
- Basic maths resources will be allocated to each classroom and Fractions, Measurement and Space equipment will be centralised for borrowing.
- Learning Support using Numicon for children with additional needs.
- Use of Clicker 5 to support teaching/learning.

QUALITATIVE DATA
- Improvement in the overall results from PAT. Teachers plan from these results to rectify areas of weakness before the year is finished.
- Children reflect on their learning and use this knowledge to improve.
- Consistent and effective strategies used for teaching numeracy K-6.
- Collaboration by teachers in decision making re: assessment, pedagogy & curriculum.
- Proficiency, by children in manipulating processes and materials to solve mathematical problems using the 6S strategies (Quicksmart).
- Children’s mathematical language and dialogue is increased.

KEY FOCUS AREAS
Indicate below the Strategic Focus Areas being targeted in 2012 (refer to the Numeracy Planning document)
- SA1: A Diocesan Coordinated Approach
- SA2: Whole School Planning
- SA3: Identification and Support of Numeracy Needs
- SA4: Professional Learning
- SA5: Teaching and Learning
- SA6: Partnerships
- SA7: Assessment and Reporting

EVALUATION OF IMPLEMENTED STRATEGIES
- Sharing of new strategies used in the classrooms at staff meetings.
- Ongoing analysis of NAPLAN, PAT, NAK results.
- Common assessment tasks completed across grades.
- Collaboration of stage teachers to clarify Achievement levels for outcomes.
- Check children’s progress in Quicksmart regularly throughout the year.
- Monitoring and recording of all students’ Numeracy progress in achieving the Best Start outcomes.
- Teachers access their child’s results/data on line.