

## Maths Values and Beliefs

- All children have the capacity to learn.
- Learning is developmental and occurs in different ways and at varying rates.
- The use of concrete materials and a hands on approach towards learning leads to a deeper understanding.
- Numeracy is embedded in all learning areas.
- Numeracy begins with what children know and scaffolds to new learning.
- Numeracy development is enhanced when a successful partnership exists between home and school.
- Numeracy learning should be relevant, meaningful and enjoyable.
- A Numeracy rich classroom environment enhances the learning and consolidation of mathematical understandings.
- Eclectic learning opportunities should be provided to enhance the understanding of Numeracy

## Teaching Approach to Numeracy

- Develop whole school practises for planning, teaching, assessing and reflecting using ISTAR.
- A collaborative approach towards planning and moderating. Common Units of work to be planned.
- Plan learning experiences from the Australian Curriculum.
- Implement strategies and resources from MTS, Maths Plus, GoodStart and First Steps to support our Planning, Teaching and Assessment.
- Align our Teaching and Learning practices with the Numeracy Practices Guide.
- Explicit teaching which is consolidated through manipulatives and a 'hands on' approach.
- Use digital technologies to support our Planning, Teaching and Assessment.
- Cover content in NAPLAN schedule.
- Designate daily Numeracy Hour / Block into teaching programs.
- Staff complete Self-Assessment Cycle using the Numeracy Practices Guide.
- Use data as evidence to set future targets and inform our teaching and learning.
- Maths literacies are to be embedded into our programs.
- Plan for a variety of class formats, whole class, small group, pairs and individual, demonstrating a differentiation of curriculum.

### Maths Support Team

- School Administration
- Teachers
- Support Staff/Education Assistants
- Parents
- P & C
- Learning Area Leaders/Team Leaders
- Curriculum Committee/Team Leaders
- Learning for Numeracy Leaders Director

### Supports, Resources and Professional Learning

- Organised and accessible maths resources.
- Upgrade and add to resources.
- Numeracy Practises Guide
- GoodStart resource kits and manuals.
- Access to Computers and Surfaces for maths websites.
- Each Teacher licensed to use MTS Online.
- EA's timetabled during Numeracy Hour
- Provide staff with PL. eg ISTAR / MTS
- Commitment by all staff to attend PL
- Collaborative planning time / Team Meetings.
- Maths Plus Teaching Guides
- IWB Maths Warm Up Boards / Maths Facts

### Assessment and Monitoring

- NAPLAN analysis
- Numeracy Net (SAER Students and planning)
- System Exemplars
- First Steps Teaching Strategies/ Diagnostics
- Differentiating the Curriculum
- Teacher Judgements/ Class Tests/Teacher Interviews
- Work samples/Assessment Tasks
- Westwood 1 Minute Test
- MTS Summative Tests
- On Line Assessment for PP, Yr1/2
- Buff Folders (evidence to include NAPLAN, MTS Summative Yr 4/6, Copy of ON Entry Report PP Yr 1/2, Copy of Diagnostic Tests, Westwood 1 Minute Basic Operations Test.)

### Reflections and Evaluations

- NAPLAN Results
- SAIS Data Analysis
- Numeracy Practices Guide Checklist
- School Plan reflection and evaluation processes
- School review processes
- Performance Management processes
- On Entry Test Results
- Disciplined Dialogue feedback

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