IN PRACTICE R-7

The Numeracy Block Structure uses the ‘Wave of Intervention’ model to support all learners to achieve high standards. Student’s data and Learning Plans are used to make informed decisions about the Wave of Intervention the student receives. This cycle allows for immersion and exploration of particular mathematical concepts.

Whole Class Mental Routine—10 mins

A rigorous tuning in activity focusing on current learning and on an aspect of a specific mental computation strategy.

Wave 1 - Whole Class Explicit Teaching - 30 mins

Problematised Situation

- Engage students with a problem that has multiple entry points
- Use a process to solve; STAR or See, Plan, Do, Check
- Challenge mathematical thinking
- Keep work samples detailing students mathematical thinking

Strategy Lesson

- Designed to provide students with specific learning opportunities
- Teach explicitly the skills and strategies needed to develop student understanding of the relevant topic
- Correct common error patterns, checking for accuracy
- Monitor and improve student skills

Wave 2 – Guided Activity.

A small group works with the teacher on a specific skill/modified problem using the whole class activity as a base of their work.

Wave 3 – Intense Intervention

Individual students who need intensive assistance are given opportunities to work with the teacher on specific skills. This is monitored and reinforced through further activities with an SSO.

Reflection—10 mins

Reflect on what has been learnt
Address any misconceptions
Acknowledge progress and success

ASSESSMENT

Data is gathered through class assessments, work assessments and standardised tests in order to identify student’s progress.

Standardised test results are recorded in Score Link. Students from year 3 onwards who have been identified through PAT Maths, will have access to Symphony Maths as an intervention program in Number.

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<th>Standardised Tests</th>
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RESOURCES

Natural Maths Strategies
Books—Beginning, Level 1-4
BIN Assessment

Problem Solving Books - Level 1-Level 5
Maths300
http://www.maths300.esa.edu.au/

Mental Computation—Secret Code teacher support
Study Ladder
http://www.studyladder.com.au

Natural Maths Strategies for Parents – Book 1/Book 2
Symphony maths
http://symphonylearning.com/

Interactive Software – Dice Strings, Coin Mat, 100 Square, Calendars, The Card Game
Renmark Teaching Resources
-R Drive, Areas of Learning, Maths

STAR poster & Mental Computation Strategy posters
Splash ABC
http://splash.abc.net.au/

ONLINE PLANNING RESOURCES

Australian Curriculum (ACARA)
http://www.australiancurriculum.edu.au

DECD Leaders Resource
http://www.acleadersresource.sa.edu.au/

Scootle
http://www.scootle.edu.au

Australian Professional Standards for Teachers

Manipulatives, Teaching Tools & Resource Books
Teacher reference books in the library whilst manipulatives are stored in the Resource Room in the Main Building, organised into AC standards
Number & Algebra
Measurement & Geometry
Statistics & Probability

Each classroom has permanent equipment for particular year levels

Renmark Maths Overview and Working Document