



Palmer Primary School

Whole School Numeracy Agreement

"To create powerful, life-long learners who have the skills to thrive in and help shape their broader community,"

We believe

That through an authentic, relevant to real-life and engaging learning environment, our students will be able to transfer their Mathematical skills into any learning opportunity with success. We believe in intentional teaching and learning, with the highest quality differentiation and multiple entry and exit points, with a balance of explicit instruction and open-ended problem solving that fosters student resilience to create powerful learners of Mathematics.

We use

- * The Australian Curriculum
- * Ann Baker's Natural Maths Strategies and resources.
- * Teaching for Effective Learning Framework

Assessment & Feedback

Assessment **for, of** and **as** learning.
Formal and Informal Assessment
Promoting student self-reflection
Personalised feedback for each student

The students will be:

- * Using digital technologies and hands-on resources to support and extend their mathematical skill development.
- * Taking risks in their learning, entering 'The Learning Pit' with resilience.
- * Engaged and interested in their learning.
- * Using developmentally appropriate mathematical language.
- * Using reasoning to explain their Mathematical thinking.
- * Exploring, noticing, inquiring, investigating and applying both independently and collaboratively.
- * Having fun and embracing Mathematical challenges.

Numeracy Block Structure

Mental Routine - Daily. Engaging students and encouraging them to think mathematically with familiar skill development.

Strategy Lesson - at least twice a week. Intentional teaching influenced by student's needs, misconceptions and next steps.

Problematised situation - at least twice a week. Using a variety of mathematical skills to solve authentic, contextual problems.

Reflection – Daily. Students are encouraged to share ideas, strategies and solutions and reflect on themselves as learners and as teachers of other students.