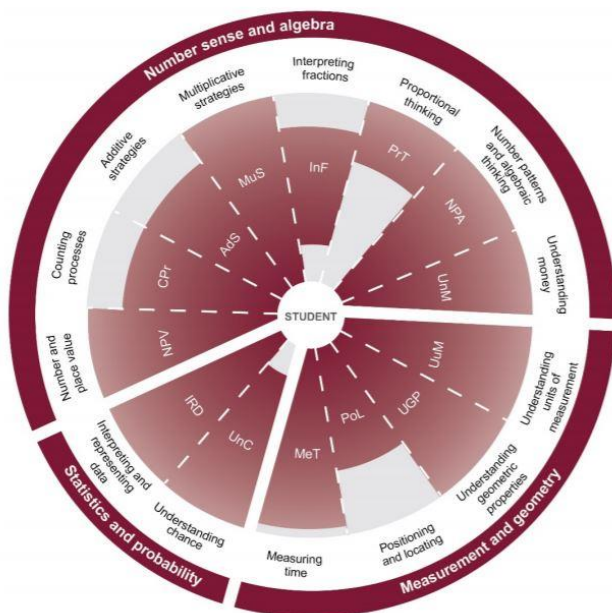


CONTINUITY OF LEARNING PLAN: NUMERACY

Numeracy Agreement: At McLaren Flat Primary School, our vision is to build a numerate and connected community of learners. Our students will engage in authentic learning experiences that support the development of rich numeracy knowledge, understanding, language and skills. Students will develop and demonstrate a positive growth mindset towards Numeracy and apply their skills confidently in their daily lives.



At McLaren Flat PS, Numeracy learning involves students becoming confident, creative users and communicators of mathematics, and being able to investigate, represent and interpret real life situations as active numerate citizens. They develop an increasingly sophisticated understanding of mathematical concepts and fluency with processes; and are able to pose and solve problems and reason in Number and Algebra, Measurement and Geometry; and Statistics and Probability. Students can recognise connections between the areas of Numeracy and other disciplines and appreciate mathematics as an accessible and enjoyable discipline to engage in. **The elements of the National Numeracy Learning Progression** provide a holistic view of Numeracy development and inform our work, which is underpinned by a commitment to quality sequential, intentional and differentiated teaching and learning at our school.

Effective Pedagogy and Quality Australian Curriculum:

At McLaren Flat we believe it is essential to present a coherent whole school approach to teaching and improvement in Numeracy that is informed by quality learning design, assessment and moderation.

Educators will:

- Ensure our school practices are consistent with the Australian Curriculum outcomes and Achievement Standards; and Department for Education (DfE) requirements R-7.
- Allocate a minimum of 300 minutes per week to Maths / Numeracy teaching and learning.
- Articulate clearly our learning aims and expected learning intentions. (E.g. Term overviews, learning plans, goals and intentions shared with students - and parents as required).
- Ensure Numeracy skills and knowledge are integrated across all subject areas and that students continuously develop capacities to problem solve and communicate critically and creatively in multiple modes and contexts.
- Encourage curiosity, engagement, self-reflection, powerful learning and growth mindsets through challenge and productive struggle.
- Explicitly teach Numeracy skills and strategies and apply consistent core programs and interventions that incorporate agreed, evidence based best practice and formative assessment.

Our Whole School Approach exists to develop: Agreed Evidence Based Best Practices for Numeracy Improvement by:

1. Enacting positive beliefs and attitudes towards mathematics and numeracy.
2. Extending students in mathematics through collaborative guided inquiry
3. Extending number sense to accelerate learning.
4. Building visualising skills to deepen mathematics learning.
5. Generalising and building abstraction in mathematics

These strategies incorporate aspects of collaborative learning, feedback, peer tutoring, meta-cognition, reading comprehension strategies, Individualised instruction, self regulation and language interventions, as described in Literacy and Numeracy First - Primary Years Focus (2018) and DfE School Improvement Guidebook (2019).

