

Bute Early Learning & Primary School - Numeracy



Challenge of Practice

If all teachers design learning of Number and Place Value at the appropriate level of the curriculum, through the proficiencies, then all students at Bute Early Learning & Primary School will develop their knowledge, skills and abilities in Number and Place value.



Our Actions

All teachers will:

- implement and monitor evidence-based approaches to teaching Number and Place Value (BIIN).
- develop Number / Place Value targets each term for their students and use this information to plan targeted teaching & learning experiences for students.
- collaborate during regular meeting time to explore Learning Design incorporating evidence-based pedagogies for units on Number and Place Value.
- use Learning Intentions and Success Criteria and provide ongoing feedback and formative assessment against the success criteria to further promote student learning.
- administer the diagnostic assessments for BIIN; and use this information to plan targeted teaching and learning experiences.
- implement whole-school Teaching and Learning Agreements.
- support Identified to participate in the QuickSmart and TOOSmart Numeracy intervention programs.



Our 2021 Targets

All students will achieve the SEA for the PAT M test.

All students (Yr 1-7) will demonstrate a 30% improvement or higher in all Number and Place Value questions in PAT-M.



Our Success Criteria

When working Mathematically, students will demonstrate the appropriate application of Number and Place Value concepts within the relevant curriculum level and within all four proficiency strands; as evidenced through students:

- Demonstrating automaticity with, subitising, trusting the count and number operations,
- Displaying the ability to manipulate numbers and recognise the role of place value,
- Applying problem solving strategies to effectively solve Mathematical problems,
- Being able to articulate their reasoning when working Mathematically.

All students at Bute Early Learning & Primary School will develop their knowledge, skills and abilities in Number and Place Value in relation to the proficiency strands.