Learning in Mathematics – Team 1-2 Term 3 2018

Learning in Mathematics - The proficiencies need to be embedded in all content strands.

The **proficiencies** of Understanding, Fluency, Problem Solving and Reasoning are fundamental to learning mathematics and working mathematically, and are applied across all three strands Number and Algebra, Measurement and Geometry, and Statistics and Probability.

Number and Algebra	Measurement and Geometry	Statistics and Probability
* Identify, order and model numbers to 100/1000. ***** Create and solve number sentences and word problems using addition and subtraction. ***** Recognise and represent multiplication a**s** repeated addition, groups and arrays and division as grouping into equal sets. ***** Develop connections between multiplication and division. * Investigate and gain fluency with skip counting by 2s, 5s and 10s using calculators. * Investigate fractions of a whole, halves, quarters and eights of shapes and collections. * Investigation of small collections of Australian coins and notes using skip counting and simple addition and subtraction problems.	* Describe and refer to months, seasons, days of the weeks. * Investigate both analogue and digital clocks. * Investigate mass using lifting, hefting and pan or balance scales to determine whether the mass of different objects is more or less. * Investigate informal/formal units of measurement. * Identify, describe, draw and investigate shapes including less common shapes like a rhombus. * Investigate location using maps.	*Develop chance language *Identify questions, gather and collect relevant information to present the data in bar graph, tables and picture graphs. *Collect, check and classify data for a number of purposes.