

Learning in Mathematics – Team 5-6 Term 2 2022

Number and Algebra	Measurement and Geometry	Statistics and Probability
<p>Continue term one work on efficient strategies when mentally computing</p> <p>Extend understanding of operations with all numbers and solve problems involving the four operations</p> <p>Relate computation problems to real-life situations (eg. Use measurement topics such as length, area, perimeter and money to support understanding in contexts)</p>	<p>Measurement</p> <p>Convert between common metric units of length Solve problems involving the comparison of lengths and areas using appropriate units</p> <p>Establish the formulas for areas of rectangles, triangles and parallelograms and use these in problem solving</p> <p>Geometry</p> <p>Investigate, with and without digital technologies, angles on a straight line, angles at a point and vertically opposite angles. Use results to find unknown angles.</p> <p>Identify corresponding, alternate and co-interior angles when two straight lines are crossed by a transversal.</p> <p>Investigate conditions for two lines to be parallel and solve simple numerical problems using reasoning.</p>	<p>Probability</p> <p>Conduct chance experiments with both small and large numbers of trials using appropriate digital technologies Construct sample spaces for single-step experiments with equally likely outcomes</p> <p>Compare observed frequencies across experiments with expected frequencies Assign probabilities to the outcomes of events and determine probabilities for events</p> <p>Statistics</p> <p>Pose and refine questions to collect categorical or numerical data by observation or survey Interpret and compare a range of data displays</p> <p>Calculate mean, median, mode and range for sets of data. Interpret these statistics in the context of data Describe and interpret data displays using median, mean and range</p>