

## Learning in Mathematics – Team 3-4 Term 1 2022

<b>Number and Algebra</b>	<b>Measurement and Geometry</b>	<b>Statistics and Probability</b>
<ul style="list-style-type: none"> <li>● Extend place value ideas from hundredths up to millions.</li> <li>● Make, name, compare, order and record whole numbers to at least 1000, and consolidate by expanding, renaming, estimating and rounding</li> <li>● Make, name, compare, order and record common and decimal fractions, and consolidate by expanding, renaming, estimating and rounding</li> <li>● Investigate and use the properties of odd and even numbers.</li> <li>● Identify and describe factors and multiples of whole numbers</li> <li>● Investigate number sequences involving multiples of 3, 4, 6, 7, 8, and 9. Investigate final digit patterns and the idea that the pattern continues indefinitely.</li> <li>● Describe, continue and create patterns with fractions, decimals and whole numbers</li> <li>● Promote fluency in mental computation using knowledge of place value and number properties.</li> <li>● Solve problems involving purchases and the calculation of change to the nearest five cents with and without digital technologies.</li> </ul>	<p><b>Measurement</b></p> <ul style="list-style-type: none"> <li>● Interpret timetables and calendars in relation to familiar school and local community events.</li> <li>● Use scaled instruments to measure, order and compare objects using familiar metric units of length and temperature. Build into work with Place Value and Decimal Fractions.</li> </ul> <p><b>Shape</b></p> <ul style="list-style-type: none"> <li>● Compare the areas of regular and irregular shapes by informal means</li> <li>● Compare and describe two dimensional shapes that result from combining and splitting common shapes, with and without the use of digital technologies</li> <li>● Explain and compare the geometric properties of two-dimensional shapes and three-dimensional objects</li> </ul>	<p><b>Statistics</b></p> <p><b>Chance and Probability</b></p> <ul style="list-style-type: none"> <li>● Describe and identify possible everyday events and order their chances of occurring using terms such as most or least likely.</li> <li>● Quantify probability of chance events on number lines that reflect place value work.</li> <li>● Identify everyday events where one cannot happen if the other happens or where the chance of one will not be affected by the occurrence of the other.</li> </ul> <p><b>Data representation and interpretation</b></p> <ul style="list-style-type: none"> <li>● Construct and evaluate suitable data displays, with and without the use of digital technologies, from given or collected data. Include tables, column and picture graphs and dot plots.</li> </ul>