

Number & Algebra

	Achievement Standard	Content Descriptor – the student will...	Term 1	Term 2	Term 3	Term 4
Number and Place Value	By the end of Year 5 students solve simple problems involving the four operations using a range of strategies. They check the reasonableness of answers using estimation & rounding. Students identify and describe factors and multiples.	Identify and describe factors and multiples of whole numbers and use them to solve problems				
		Use estimation and rounding to check the reasonableness of answers to calculations				
		Solve problems involving multiplication of large numbers by one or two-digit numbers using efficient mental, written strategies and appropriate digital technologies				
		Solve problems involving division by a one-digit number, including those that result in a remainder				
		Use efficient mental and written strategies and apply appropriate digital technologies to solve problems				
Fractions & Decimals	By the end of Year 5 students order decimals and unit fractions and locate them on number lines. They add and subtract fractions with the same denominator.	Compare and order common unit fractions and locate and represent them on a number line				
		Investigate strategies to solve problems involving addition and subtraction of fractions with the same denominator				
		Recognise that the number system can be extended beyond hundredths				
		Compare, order and represent decimals				
Money & Financial Matters	By the end of Year 5 students explain plans for simple budgets	Create simple financial plans				
Patterns & Algebra	By the end of Year 5 students continue patterns by adding & subtracting fractions and decimals. They find unknown quantities in number sentences.	Describe, continue and create patterns with fractions, decimals and whole numbers resulting from addition and subtraction				
		Use equivalent number sentences involving multiplication & division to find unknown quantities				

Statistics & Probability

	Achievement Standard	Content Descriptor – the student will...	Term 1	Term 2	Term 3	Term 4
Chance	By the end of Year 5 students list the outcomes of chance experiments with equally likely outcomes and assign probabilities between 0 and 1.	List outcomes of chance experiments involving equally likely outcomes and represent probabilities of those outcomes using fractions				
		Recognise that probabilities range from 0 to 1				

Statistics & Probability continued

Data interpretation & Representation	By the end of Year 5 students compare and interpret different data sets .	Pose questions and collect categorical or numerical data by observation or survey				
	Students pose questions to gather data and construct data displays appropriate for the data .	Construct displays, including column graphs, dot plots and tables, appropriate for data type, with and without the use of digital technologies				
		Describe and interpret different data sets in context				

Measurement & Geometry

		Achievement Standard	Content Descriptor – the student will...	Term 1	Term 2	Term 3	Term 4
Using Units of Measurement	Length, Area, Mass & Capacity	By the end of Year 5 students use appropriate units of measurement for length, area, volume, capacity and mass and calculate perimeter and area of rectangles .	Choose appropriate units of measurement for length, area, volume, capacity and mass				
	Time	By the end of Year 5 students convert between 12 and 24 hour time .	Calculate the perimeter and area of rectangles using familiar metric units				
Shape		By the end of Year 5 students connect three-dimensional objects with their two-dimensional representations .	Compare 12 and 24 hour time systems and convert between them				
Location & Transformation		By the end of Year 5 students connect three-dimensional objects with their two-dimensional representations .	Connect three-dimensional objects with their nets and other two-dimensional representations				
Location & Transformation	Location	By the end of Year 5 students use a grid reference system to locate landmarks .	Use a grid reference system to describe locations. Describe routes using landmarks and directional language.				
	Transformation	By the end of Year 5 students describe transformations of 2D shapes and identify line & rotational symmetry .	Describe translations, reflections and rotations of two-dimensional shapes. Identify line and rotational symmetry				
Geometric Reasoning		By the end of Year 5 students describe transformations of 2D shapes and identify line & rotational symmetry .	Apply the enlargement transformation to familiar two-dimensional shapes and explore the properties of the resulting image compared with the original				
Angles		By the end of Year 5 students measure and construct different angles .	Estimate, measure and compare angles using degrees. Construct angles using a protractor				