



Australian Curriculum: 2024 Mathematics — Year 5 (5/6C)

CURRICULUM	SEMESTER 1		SEMESTER 2	
	Term 1	Term 2	Term 3	Term 4
Unit description	<p>Factors & Multiples :</p> <ul style="list-style-type: none"> -Students identify and describe factors and multiples. <p>24 Hour Time:</p> <ul style="list-style-type: none"> -They convert between 12 and 24 Hour Time. <p>Algebra/Problem Solving:</p> <ul style="list-style-type: none"> -Students solve simple problems involving the four operations using a range of strategies. -They identify and explain strategies for finding unknown quantities in number sentences involving the four operations. 	<p>Fractions & Decimals:</p> <ul style="list-style-type: none"> - They add and subtract fractions with the same denominator. - Students continue patterns by adding and subtracting fractions and decimals. - Students order decimals and unit fractions and locate them on number lines. 	<p>Shapes:</p> <ul style="list-style-type: none"> -Students connect three-dimensional objects with their two-dimensional representations. <p>Area, Perimeter and Volume:</p> <ul style="list-style-type: none"> -They use appropriate measurement for length, area, volume, capacity and mass, and calculate perimeter and area of rectangles. <p>Angles: - They measure and construct different angles.</p>	<p>Statistics and Probability:</p> <ul style="list-style-type: none"> - Students interpret different data sets. Students list outcomes of chance experiments with equally likely outcomes and assign probabilities between 0 and 1. <p>Pose Questions & Construct Data Display (Integrated with Science):</p> <ul style="list-style-type: none"> -Students pose questions to gather data, and construct data displays appropriate for the data.

ASSESSMENT	SEMESTER 1			SEMESTER 2			
	Term 1	Term 2	Term 3	Term 3	Term 3	Term 4	Term 4
Assessment	Using factors and multiples, solving simple problems, and using estimation and rounding	Calculating time	Solving fraction and decimal problems	Calculating measurement	Applying angle and shape concepts	Describing chance and probability	Posing questions to collect data, and constructing and interpreting data displays
Technique	Test	Test	Test	Test	Test	Test	Test
Type of text	Short response	Short response	Short response	Short response	Short response	Short response	Short response
Mode	Written	Written	Written	Written	Written	Written	Written

Aspects of the achievement standard

solve simple problems involving the four operations using a range of strategies							
check the reasonableness of answers using estimation and rounding							
identify and describe factors and multiples							
identify and explain strategies for finding unknown quantities in number sentences involving the four operations							
explain plans for simple budgets							
connect three-dimensional objects with their two-dimensional representations							
describe transformations of two-dimensional shapes and identify line and rotational symmetry							
interpret different data sets							
order decimals and unit fractions and locate them on number lines							
add and subtract fractions with the same denominator							
continue patterns by adding and subtracting fractions and decimals							
use appropriate units of measurement for length, area, volume, capacity and mass, and calculate perimeter and area of rectangles							
convert between 12- and 24-hour time							
use a grid reference system to locate landmarks							
measure and construct different angles							
list outcomes of chance experiments with equally likely outcomes and assign probabilities between 0 and 1							
pose questions to gather data, and construct data displays appropriate for the data							

Shaded cells indicate opportunities that summative assessments provide for students to demonstrate evidence against all aspects of the achievement standard

