Australian Curriculum: 2024 Mathematics — Year 5

CURRICULUM	SEMESTER 1		SEMESTER 2	
	Term 1	**Term 2**	**Term 3**	**Term 4**
Unit description	***Factors & Multiples :*** -Students identify and describe factors and multiples. ***Shapes:*** -Students connect three-dimensional objects with their two-dimensional representations. ***Statistics and Probability:*** - Students interpret different data sets.	***Area, Perimeter and Volume:*** -They use appropriate measurement for length, area, volume, capacity and mass, and calculate perimeter and area of rectangles. ***24 Hour Time:*** -They convert between 12 and 24 Hour Time. ***Algebra/Problem Solving:*** -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. ***Order and Locate Fractions:*** - Students order decimals and unit fractions and locate them on number lines.	***Fractions & Decimals:*** - They add and subtract fractions with the same denominator. - Students continue patterns by adding and subtracting fractions and decimals. ***Grid Co-ordinates (Integrated with HASS):*** - Students use a grid reference system to locate landmarks. ***Angles: -*** They measure and construct different angles. ***Probability:*** - Students list outcomes of chance experiments with equally likely outcomes and assign probabilities between 0 and 1.	***Transformations & Symmetry:*** - They describe transformations of two-dimensional shapes and identify line and rotational symmetry. ***Financial Maths (Integrated with HASS):*** - They explain plans for simple budgets. -They check the reasonableness of answers using estimation and rounding. ***Pose Questions & Construct Data Display (Integrated with Science):*** -Students pose questions to gather data, and construct data displays appropriate for the data.

ASSESSMENT

ASSESSMENT	SEMESTER 1							SEMESTER 2						
	Term 1			**Term 2**				**Term 3**				**Term 4**		
Assessment	Factors and multiples	Shapes	Statistics and probability	Area, perimeter and volume	24 hour time	Algebra/Problem solving	Order and locate Fractions	Fractions and decimals	Grid Co-ordinates (integrated with HASS)	Angles	Probability	Transformations and symmetry	Financial Maths (integrated with HASS)	Data (Integrated with Science
Technique	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	Experiment
Type of text	Short response	Short response	Short response	Short response	Short response	Short response	Short response	Short response	Short response	Short response	Short response	Short response	Short response	Short response
Mode	Written	Written	Written	Written	Written	Written	Written	Written	Written	Written	Written	Written	Written	Written

Aspects of the achievement standard

	FM	Sh	S&P	APV	24h	Alg	OLF	F&D	Grid	Ang	Prob	T&S	Fin	Data
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

Queensland Government