# Mathletics Australian Curriculum

**Skill Quests** 





August, 2022



# **Mathletics**

Australian Curriculum 2022 Skill Quests August, 2022

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# Year 3

# Number

# Skill Quests

AC9M3N01 - recognise, represent and order natural numbers using naming and writing conventions for numerals beyond 10 000  AUS AC Year 03  AUS AC Year 04  AUS AC Year 05  AUS AC Year 06  AUS AC Year 07  AUS AC Year 08  AUS AC Year 09  AUS	Outcome	<b>Existing Course</b>	Quests	Content
natural numbers using naming and writing conventions for numerals beyond 10 000  AUS AC Year 03  AUS AC Year 04  AUS AC Year 05  AUS AC Year 06  AUS AC Year 07  AUS AC Year 09  AUS AC Year 0	AC9M3N01 - recognise,	AUS AC Year 03	Numbers to 10	Identifying and
naming and writing conventions for numerals beyond 10 000  AUS AC Year 03  AUS AC Year 04  AUS AC Year 05  AUS AC Year 09  AUS	represent and order		000	counting numbers up
conventions for numerals beyond 10 000  AUS AC Year 03  AUS AC Year 03  AUS AC Year 03  Place value and partitioning  AUS AC Year 04  AUS AC Year 05  AUS AC Year 01  AUS AC Year 01  AUS AC Year 02  AUS AC Year 02  AUS AC Year 03  AUS AC Y				to 4 digits
beyond 10 000  AUS AC Year 03  AUS AC Year 04  AUS AC Year 05  AUS AC Year 09		AUS AC Year 03		9
AUS AC Year 03  AUS AC Year 04  AUS AC Year 01  Fractions and decimals  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 03  AUS AC				
AUS AC Year 03  AUS AC Year 03  AUS AC Year 03  AUS AC Year 03  AUS AC Year 04  AUS AC Year 05  AUS AC Year 06  AUS AC Year 07  AUS AC Year 09  AUS AC Year 09	beyond 10 000			
AUS AC Year 03  AUS AC Year 03  AUS AC Year 04  AUS AC Year 05  AUS AC Year 01  AUS AC Year 01  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 03		AUS AC Year 03		
AUS AC Year 03  AUS AC Year 04  AUS AC Year 05  AUS AC Year 01  AUS AC Year 01  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 03  AUS AC Year 04				_
AUS AC Year 03  AUS AC Year 04  AUS AC Year 01  Fractions and decimals  Frind half of a set or quantity (symbols)  Explore the meaning of fraction symbols  Find quarters of sets or shapes (symbols)  Find quarters of sets or shapes (symbols)  AUS AC Year 02  AUS AC Year 02  AUS AC Year 03  AUS AC Year				
AUS AC Year 03  AUS AC Year 04  AUS AC Year 01  Fractions and decimals  Find half of a set or quantity (symbols)  Explore the meaning of fraction symbols  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 03  AUS		AUS AC Year 03		-
AUS AC Year 04  AUS AC Year 01  Fractions and decimals  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 03  AUS AC		ALIC AC Voor 02	partitioning	3
AUS AC Year 04  AUS AC Year 01  AUS AC Year 01  AUS AC Year 01  Fractions and decimals  Find half of a set or quantity (symbols)  Explore the meaning of fraction symbols  Find quarters of sets or shapes (symbols)  AUS AC Year 02  AUS AC Year 02  AUS AC Year 03				digits
AUS AC Year 04  AUS AC Year 01  Fractions and decimals  Find half of a set or quantity (symbols)  Explore the meaning of fraction symbols  Find quarters of sets or shapes (symbols)  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  Fractions  AUS AC Year 02  AUS AC Year 03		AUS AC Year 04	•	
AUS AC Year 04  Brace value up to 5 digits  Rounding numbers: 5 digits  Ro			5 digits	
AUS AC Year 04  AUS AC Year 01  Fractions and decimals  AUS AC Year 02  AUS AC Year 03  AUS AC				
AUS AC Year 04  AUS AC Year 01  Fractions and decimals  AUS AC Year 02  AUS AC Year 03  AUS AC		AUS AC Year 04		•
AC9M3N02 - recognise and represent unit fractions including 1/2, 1/3, 1/4, 1/5, 1/10 and their multiples in different ways; combine fractions with the same denominator to complete the whole  AUS AC Year 02  AUS AC Year 03  AUS AC Year 03  Fractions  Fractions  Using fractions: halves, quarters & eighths  Numerator and denominator  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  AUS AC Year 03				
AUS AC Year 04  AUS AC Year 04  Rounding numbers: 5 digits  AC9M3N02 - recognise and represent unit fractions including 1/2, 1/3, 1/4, 1/5, 1/10 and their multiples in different ways; combine fractions with the same denominator to complete the whole  AUS AC Year 02  Find quarters of sets or shapes (symbols)  Find halves and quarters (symbols)  Find halves and quarters (symbols)  Find halves and quarters (symbols)  AUS AC Year 03  Fractions  AUS AC Year 03  Busing fractions: halves, thirds & quarters  Using fractions: thirds & sixths  Using fractions: thirds & sixths  Using fractions: fifths		AUS AC Year 04		<b>3</b> .
AC9M3N02 - recognise and represent unit fractions including 1/2, 1/3, 1/4, 1/5, 1/10 and their multiples in different ways; combine fractions with the same denominator to complete the whole  AUS AC Year 02  Find quarters of sets or shapes (symbols)  Find halves and quarters (symbols)  Find halves and quarters (symbols)  Find halves and quarters (symbols)  AUS AC Year 03  Fractions  Using fractions: halves, quarters & eighths  Numerator and denominator  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  Using fractions: thirds  Sixths  Using fractions: fifths				
and represent unit fractions including 1/2, 1/3, 1/4, 1/5, 1/10 and their multiples in different ways; combine fractions with the same denominator to complete the whole  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  Find quarters of sets or shapes (symbols)  Find halves and quarters (symbols)  Find halves and quarters (symbols)  Find halves and quarters (symbols)  AUS AC Year 03  Busing fractions: halves, thirds & quarters Using fractions: thirds & sixths  Using fractions: fifths		AUS AC Year 04		_
fractions including 1/2, 1/3, 1/10 and their multiples in different ways; combine fractions with the same denominator to complete the whole  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  Find quarters of sets or shapes (symbols)  Find halves and quarters (symbols)  Find halves and quarters (symbols)  AUS AC Year 03  AUS AC Year 03  AUS AC Year 03  Fractions  Using fractions: halves, quarters & eighths  Numerator and denominator  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: thirds & sixths  Using fractions: fifths	AC9M3N02 - recognise	AUS AC Year 01	Fractions and	Find half of a set or
1/4, 1/5, 1/10 and their multiples in different ways; combine fractions with the same denominator to complete the whole  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  Find quarters of sets or shapes (symbols)  Find halves and quarters (symbols)  AUS AC Year 03  Fractions  Using fractions: halves, quarters & eighths  Numerator and denominator  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  AUS AC Year 03  AUS AC Year 03  AUS AC Year 03  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  Using fractions: fifths			decimals	quantity (symbols)
multiples in different ways; combine fractions with the same denominator to complete the whole  AUS AC Year 02  AUS AC Year 02  AUS AC Year 02  Find quarters of sets or shapes (symbols)  Find halves and quarters (symbols)  AUS AC Year 03  Fractions  Using fractions: halves, quarters & eighths  Numerator and denominator  Using fractions: halves, thirds & quarters  AUS AC Year 03  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: thirds  Sixths  Using fractions: fifths	fractions including 1/2, 1/3,	AUS AC Year 02		Explore the meaning of
combine fractions with the same denominator to complete the whole  AUS AC Year 02  AUS AC Year 03  AUS AC Year 03  Fractions  Fractions  Using fractions: halves, quarters & eighths  Numerator and denominator  AUS AC Year 03  AUS AC Year 03  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: thirds & sixths  Using fractions: fifths				fraction symbols
same denominator to complete the whole  AUS AC Year 02  Find halves and quarters (symbols)  AUS AC Year 03  Fractions  Using fractions: halves, quarters & eighths  Numerator and denominator  AUS AC Year 03  AUS AC Year 03  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: thirds  Using fractions: fifths		AUS AC Year 02		Find quarters of sets or
complete the whole  AUS AC Year 03 Fractions  Using fractions: halves, quarters & eighths  Numerator and denominator  AUS AC Year 03  AUS AC Year 03  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: thirds & sixths  Using fractions: fifths				
AUS AC Year 03  Busing fractions: halves, thirds & quarters  Using fractions: thirds & sixths  Using fractions: fifths		AUS AC Year 02		
AUS AC Year 03  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  Using fractions: fifths	complete the whole			
AUS AC Year 03  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: thirds & sixths  Using fractions: fifths		AUS AC Year 03	Fractions	_
AUS AC Year 03  AUS AC Year 03  Using fractions: halves, thirds & quarters  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: fifths				
AUS AC Year 03  Using fractions: halves, thirds & quarters  AUS AC Year 03  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: fifths		AUS AC Year 03		
AUS AC Year 03  AUS AC Year 03  AUS AC Year 03  AUS AC Year 03  Using fractions: fifths				
AUS AC Year 03  Using fractions: thirds & sixths  AUS AC Year 03  Using fractions: fifths		AUS AC Year 03		_
& sixths AUS AC Year 03 Using fractions: fifths		ALIS AC Voor 03		·
AUS AC Year 03 Using fractions: fifths		AUS AC TEUT US		_
		AUS AC Year 03		
	AC9M3N03 - add and	AUS AC Year 03		Add/subtract: 2 and 3
subtract two- and three-				

digit numbers using place	AUS AC Year 03	Addition &	Add/subtract: 2- & 3-
value to partition,	7,007,0104100	subtraction	digit using jump
rearrange and regroup		facts/strategies	strategy
numbers to assist in	AUS AC Year 03		Add/subtract: 2- & 3-
calculations without a			digit using place value
calculator	AUS AC Year 03		Add/subtract: 2- & 3-
			digit using bridging to
			10
	AUS AC Year 03		Add/subtract: bridging
			with unknowns
	AUS AC Year 03		Add/subtract: 3-digits
			using partitioning
	AUS AC Year 03		Add/subtract: 3-digits
			using place value
	AUS AC Year 03		Add/subtract: 2- & 3-
			digit using split
			strategy
	AUS AC Year 03		Add/subtract: rounding
			& compensation
	AUS AC Year 03		Add/subtract: to and
			from 100
	AUS AC Year 03		Add/subtract: multiples
			of 100, 1000 & 10 000
	AUS AC Year 03		Add/subtract: using
			non-standard
			partitioning
	AUS AC Year 03		Add/subtract: choosing
			efficient strategies
AC9M3N04 - multiply and	AUS AC Year 02	Mult/div –	Use repeated addition
divide one- and two-digit		models,	to multiply
numbers, representing		repeated	
problems using number		addition	
sentences, diagrams and	AUS AC Year 04	Mult and div	Multiplication
arrays, and using a variety		strategies, no	strategies: 1-digit
of calculation strategies		remainder	numbers
	AUS AC Year 04		Multiplying 2-digit
			numbers by a 1-digit
ACOMONOT action to the	AUS AC Year 03	۸ ما مانه: 0	number
AC9M3N05 - estimate the	AUS AC Year U3	Addition & subtraction	Add/subtract: estimating
quantity of objects in collections and make			esumating
		facts/strategies	
estimates when solving problems to determine the			
reasonableness of			
calculations			
AC9M3N06 - use	AUS AC Year 03	Multiplication	Writing & solving
mathematical modelling to	, 100 / 10 Teal 05	word problems	multiplication word
solve practical problems		. Tora problems	problems
involving additive and	AUS AC Year 03		Word problems and
multiplicative situations	, .30 , .0 , cd, 03		missing numbers
including financial	AUS AC Year 03	Money	Making purchases and
contexts; formulate	00 / .0 / .01		calculating change
problems using number			Lancara and Charles
sentences and choose			

calculation strategies,			
using digital tools where			
appropriate; interpret and			
communicate solutions in			
terms of the situation			
AC9M3N07 - follow and	AUS AC Year 03	Number	Identifying and
create algorithms involving		patterns	creating number
a sequence of steps and			patterns
decisions to investigate			
numbers; describe any			
emerging patterns			

Outcome	<b>Existing Course</b>	Topic	Activity
		NA Place Value	
AC9M3N01 - recognise,	AUS Yr 03	NA Place Value	Expanding Numbers
represent and order	Australian		
natural numbers using	Curriculum Aligned		DI V
naming and writing conventions for numerals	AUS Yr 03		Place Value –
	Australian		Thousands
beyond 10 000	Curriculum Aligned		
	AUS Yr 03		Place value 3
	Australian		
	Curriculum Aligned		5
	AUS Yr 03		Partition and rename 1
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Partition and Rename
	Australian		2
	Curriculum Aligned		
	AUS Yr 03		Which Is Greater?
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Which Is Less?
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Smallest and largest
	Australian		numbers
	Curriculum Aligned		
	AUS Yr 03		Ascending Order
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Descending Order
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Missing Numbers 1
	Australian		
	Curriculum Aligned		
	AUS Yr 03	NA Comparing	Greater Than or Less
	Australian	& Rounding	Than 1
	Curriculum Aligned	Numbers	

	AUS Yr 03		Nearest Ten?
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Nearest Hundred?
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Nearest Thousand?
	Australian		
	Curriculum Aligned		
	AUS Yr 04	NA Whole	Expanded Notation
	Australian	Numbers &	
	Curriculum Aligned	Place Value	
	AUS Yr 04		Numbers in Words
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Partition and Rename
	Australian		3
	Curriculum Aligned		
	AUS Yr 04		Place Value to Millions
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Numbers from Words
	Australian		to Digits 1
	Curriculum Aligned		
	AUS Yr 04		Numbers from Words
	Australian		to Digits 2
	Curriculum Aligned		
	AUS Yr 04		Equal, less or Greater
	Australian		Than?
	Curriculum Aligned		
	AUS Yr 04		Compare Numbers to
	Australian		100
	Curriculum Aligned		
	AUS Yr 04		Greater Than or Less
	Australian		Than 1
	Curriculum Aligned		
	AUS Yr 04		Rounding Numbers
	Australian		
	Curriculum Aligned		
AC9M3N02 - recognise	AUS Yr 03	NA Fractions	Halves and Quarters
and represent unit	Australian		
fractions including 1/2, 1/3,	Curriculum Aligned		
1/4, 1/5, 1/10 and their	AUS Yr 03		Shade Fractions
multiples in different ways;	Australian		
combine fractions with the	Curriculum Aligned		
same denominator to	AUS Yr 03		Fractions of a
complete the whole	Australian		collection 1
	Curriculum Aligned		
	AUS Yr 03		Fractions of a
	Australian		Collection 2
	Curriculum Aligned		
AC9M3N03 - add and	AUS Yr 03	NA Adding &	Add 3 Numbers: Bonds
subtract two- and three-	Australian	Subtracting -	to Multiples of 10
digit numbers using place	Curriculum Aligned	Mental Methods	
- J	<b>-</b>		

ALIC V: 02		Add 2 Norsels are: Danida
		Add 3 Numbers: Bonds
		to 100
		5
		Repartition to Subtract
AUS Yr 03		Jump Add and
Australian		Subtract
Curriculum Aligned		
AUS Yr 03		Split Add and Subtract
Australian		
Curriculum Aligned		
AUS Yr 03		Compensation – Add
Australian		·
Curriculum Aligned		
Ţ .		Compensation –
		Subtract
		Sabtract
		Magic Symbols 1
		iviagic symbols 1
,		Complements to 10,
		20, 50
		20, 30
		Complements to 50
		and 100
		and 100
	NIA Multiplying	Frage Lumpin
		Frog Jump
	a Dividing	Multiplication
		Cravina of Torra
		Groups of Two
		6 (7)
		Groups of Three
, tasti ali ali		
		Groups of Five
		Groups of Ten
Ţ .		
		Multiplication Arrays
Ţ .		
		Arrays 2
Curriculum Aligned		
AUS Yr 03		Arrays 1
Australian		
Curriculum Aligned		
AUS Yr 03		Frog Jump Division
Australian		
	Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AUS Yr 03	Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned

AUS Yr 03 Australian Curriculum Aligned Estimate Sums  Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned Estimate Differences  Estimate Differences  AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Align
Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned estimates when solving problems to determine the reasonableness of calculations AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned Curriculum Aligned Teacher directed  Teacher directed
AUS Yr 03
Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AC9M3N05 - estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  AUS Yr 03 Australian Curriculum Aligned Curriculum Aligned AUS Yr 03 Australian Austral
Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AC9M3N05 - estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned  Estimate Sums Subtracting - Mental Methods Estimate Differences  Teacher directed  Teacher directed
AUS Yr 03
AUS Yr 03
Australian Curriculum Aligned  AUS Yr 03 Australian Curriculum Aligned  AC9M3N05 - estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  AUS Yr 03 Australian Curriculum Aligned Subtracting - Mental Methods Estimate Sums Subtracting - Mental Methods Estimate Differences  Teacher directed
Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned  AC9M3N05 - estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  Curriculum Aligned AUS Yr 03 Australian C
AUS Yr 03 Australian Curriculum Aligned  AC9M3N05 - estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned Curri
Australian Curriculum Aligned  AC9M3N05 - estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned  Estimate Sums Subtracting - Mental Methods  Estimate Differences  Teacher directed
Curriculum Aligned  AC9M3N05 - estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  Curriculum Aligned Subtracting - Mental Methods  AUS Yr 03 Australian Curriculum Aligned  Curriculum Aligned  Festimate Sums  Subtracting - Mental Methods  Estimate Differences  Teacher directed
AC9M3N05 - estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  AUS Yr 03 Australian Curriculum Aligned  Curriculum Aligned  AUS Yr 03 Estimate Sums  Subtracting - Mental Methods  Curriculum Aligned  Estimate Differences  Teacher directed
quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  Australian Curriculum Aligned  Curriculum Aligned  Curriculum Aligned  Curriculum Aligned  Teacher directed  Teacher directed
collections and make estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  Mental Methods Estimate Differences  Estimate Differences  Teacher directed  Teacher directed
estimates when solving problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  AUS Yr 03 Australian Curriculum Aligned Teacher directed  Teacher directed
problems to determine the reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  Australian Curriculum Aligned  Teacher directed  Teacher directed
reasonableness of calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  Curriculum Aligned  Teacher directed  directed
calculations  AC9M3N06 - use mathematical modelling to solve practical problems involving additive and multiplicative situations  Teacher directed  directed
AC9M3N06 - use N/A Teacher directed solve practical problems involving additive and multiplicative situations
mathematical modelling to solve practical problems involving additive and multiplicative situations
solve practical problems involving additive and multiplicative situations
solve practical problems involving additive and multiplicative situations
involving additive and multiplicative situations
multiplicative situations
·
including infancial
contexts; formulate
problems using number
sentences and choose
calculation strategies,
using digital tools where
appropriate; interpret and
communicate solutions in
terms of the situation
AC9M3N07 - follow and AUS Yr 03 NA Patterns & Count Forward
create algorithms involving   Australian   Algebra   Patterns
a sequence of steps and Curriculum Aligned
decisions to investigate AUS Yr 03 Count Backward
numbers; describe any Australian Patterns
emerging patterns Curriculum Aligned
AUS Yr 03 Counting up in 4s
Australian
Curriculum Aligned
AUS Yr 03 Increasing Patterns
Australian Increasing Fatterns
Curriculum Aligned
AUS Yr 03 Decreasing Patterns
Australian
Curriculum Aligned
AUS Yr 03 Pick the Next Number
Australian Curriculum Aligned

# Algebra

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M3A01 - recognise and explain the connection between addition and subtraction as inverse operations, apply to partition numbers and find unknown values in number sentences	AUS AC Year 03	Addition and subtraction	Relationship between addition and subtraction
AC9M3A02 - extend and apply knowledge of addition and subtraction facts to 20 to develop efficient mental strategies for computation with larger numbers without a calculator	N/A	Teacher directed	Teacher directed
AC9M3A03 - recall and demonstrate proficiency	AUS AC Year 03	Skip counting	Skip counting by 10 to 1000
with multiplication facts for 3, 4, 5 and 10; extend	AUS AC Year 03		Skip counting by 2 to 1000
and apply facts to develop the related division facts	AUS AC Year 03		Skip counting by 5 to 1000
	AUS AC Year 03		Skip counting 0 to 30
	AUS AC Year 03		Skip counting multiples of 30
	AUS AC Year 03		Skip counting by 4 to 40
	AUS AC Year 03	Multiplication & division facts	Multiplication/division facts for 2
	AUS AC Year 03		Multiplication/division facts for 10
	AUS AC Year 03		Multiplication/division facts for 5
	AUS AC Year 03		Multiplication/division facts for 2, 5, 10
	AUS AC Year 03		Multiplication/division facts for 3

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M3A01 - recognise	AUS Yr 03	NA Adding &	Commutative Property
and explain the connection	Australian	Subtracting -	of Addition
between addition and	Curriculum Aligned	Mental Methods	
subtraction as inverse	AUS Yr 03		Related Facts 1
operations, apply to	Australian		
partition numbers and find	Curriculum Aligned		

	ALIC V- 02		Fort Formilia or Antal
unknown values in number	AUS Yr 03		Fact Families: Add and
sentences	Australian		Subtract
	Curriculum Aligned		
AC9M3A02 - extend and	N/A	Teacher	Teacher directed
apply knowledge of		directed	
addition and subtraction			
facts to 20 to develop			
efficient mental strategies			
for computation with			
larger numbers without a			
calculator			
AC9M3A03 - recall and	AUS Yr 03	NA Multiplying	Model Multiplication to
demonstrate proficiency	Australian	& Dividing	5 × 5
with multiplication facts	Curriculum Aligned		
for 3, 4, 5 and 10; extend	AUS Yr 03		Dividing by Two
and apply facts to develop	Australian		- ,
the related division facts	Curriculum Aligned		
	AUS Yr 03		Dividing by Three
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Dividing by Five
	Australian		
	Curriculum Aligned		

#### Measurement

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M3M01 - identify which metric units are used to measure everyday items; use measurements of familiar items and known units to make estimates	N/A	Teacher directed	Teacher directed
AC9M3M02 - measure and compare objects using	AUS AC Year 03	Length, mass and capacity	Comparing, ordering and measuring length
familiar metric units of length, mass and capacity, and instruments with	AUS AC Year 03		Measure & compare units of volume & capacity
labelled markings	AUS AC Year 03		Using the kilogram to measure mass
AC9M3M03 - recognise and use the relationship	AUS AC Year 01	Time - describe duration	Describing duration (hours)
between formal units of time including days, hours, minutes and seconds to estimate and compare the duration of events	AUS AC Year 03	Relationship between units of time	Understanding relationship between units of time
AC9M3M04 - describe the relationship between the hours and minutes on analog and digital clocks, and read the time to the nearest minute	AUS AC Year 03	Telling time	Telling time to the minute
AC9M3M05 - identify angles as measures of	AUS AC Year 03	Identifying and comparing	Identifying and comparing angles
turn and compare angles with right angles in everyday situations	AUS AC Year 03	angles	Introducing angles
AC9M3M06 - recognise the relationships between dollars and cents and represent money values in different ways	AUS AC Year 02	Whole number – money	Count and order Australian notes and coins

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M3M01 - identify	N/A	Teacher	Teacher directed
which metric units are		directed	
used to measure everyday			
items; use measurements			
of familiar items and			

known units to make			
estimates	ALIC V/* 02	MC Marian	Management and the Col
AC9M3M02 - measure	AUS Yr 03	MG Measuring	Measuring Length with
and compare objects using	Australian		Blocks
familiar metric units of	Curriculum Aligned		
length, mass and capacity,	AUS Yr 03		How Long is That?
and instruments with	Australian		
labelled markings	Curriculum Aligned		
	AUS Yr 03		Measuring Length
	Australian		
	Curriculum Aligned		
	AUS Yr 03		How Full?
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Using a Litre
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Everyday Mass
	Australian		
	Curriculum Aligned		
AC9M3M03 - recognise	N/A	Teacher	Teacher directed
and use the relationship		directed	
between formal units of			
time including days, hours,			
minutes and seconds to			
estimate and compare the			
duration of events			
AC9M3M04 - describe the	AUS Yr 03	MG Time	Set Time to the Half
relationship between the	Australian		Hour
hours and minutes on	Curriculum Aligned		
analog and digital clocks,	AUS Yr 03		Half Hour Times
and read the time to the	Australian		
nearest minute	Curriculum Aligned		
	AUS Yr 03		Five Minute Times
	Australian		
	Curriculum Aligned		
	AUS Yr 03		What is the Time?
	Australian		
	Curriculum Aligned		
AC9M3M05 - identify	AUS Yr 03	MG Angles	What Line am I?
angles as measures of	Australian		
turn and compare angles	Curriculum Aligned		
with right angles in	AUS Yr 03		Equal Angles
everyday situations	Australian		·
	Curriculum Aligned		
	AUS Yr 03		Comparing Angles
	Australian		, , ,
	Curriculum Aligned		
AC9M3M06 - recognise	AUS Yr 03	NA Money	Who's got the Money?
the relationships between	Australian		, ,
dollars and cents and	Curriculum Aligned		
represent money values in	AUS Yr 03		Money
different ways	Australian		,
	Curriculum Aligned		
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	AUS Yr 03	How much Change?
	Australian	
	Curriculum Aligned	

# Space

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M3SP01 - make, compare and classify	AUS AC Year 03	3D objects	Exploring prisms and nets
objects, identifying key	AUS AC Year 03		Rectangular prism nets
features and explaining why these features make	AUS AC Year 03		Recognise and describe spheres
them suited to their uses	AUS AC Year 03		Recognise and describe cones
	AUS AC Year 03		Recognise and describe cubes
	AUS AC Year 03		Recognise and describe cylinders
	AUS AC Year 03		Recognise, sort and name 3D objects
	AUS AC Year 03		Compare 2D shapes and 3D objects
	AUS AC Year 03		Identify faces, edges and vertices on 3D objects
	AUS AC Year 03		Faces, edges, vertices and surfaces of 3D objects
AC9M3SP02 - interpret and create two- dimensional	AUS AC Year 03	Grid referenced maps	Interpreting and creating grid referenced maps
representations of familiar environments, locating key landmarks and objects relative to each other	AUS AC Year 03	Lines of symmetry	Recognising and drawing lines of symmetry

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M3SP01 - make,	AUS Yr 03	MG Objects &	Match the Object
compare and classify	Australian	Shapes	
objects, identifying key	Curriculum Aligned		
features and explaining	AUS Yr 03		Collect the Objects
why these features make	Australian		
them suited to their uses	Curriculum Aligned		
	AUS Yr 03		What Prism am I?
	Australian		
	Curriculum Aligned		
	AUS Yr 03		What Pyramid am I?
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Prisms and Pyramids
	Australian		
	Curriculum Aligned		

	AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian		Faces, Edges, and Vertices 1  Faces, Edges and Vertices
AC9M3SP02 - interpret and create two- dimensional	Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned	MG Symmetry & Location	Symmetry
representations of familiar environments, locating key landmarks and objects	AUS Yr 03 Australian Curriculum Aligned		Symmetry or Not?
relative to each other	AUS Yr 03 Australian Curriculum Aligned		Following Directions
	AUS Yr 03 Australian Curriculum Aligned		Coordinate Meeting Place
	AUS Yr 03 Australian Curriculum Aligned		Map Coordinates

# **Statistics**

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M3ST01 - acquire data for categorical and discrete numerical	AUS AC Year 03	Data sources and collection	Introducing the statistical investigation process
variables to address a question of interest or purpose by observing, collecting and accessing data sets; record the data using appropriate methods including frequency tables and spreadsheets	AUS AC Year 03 AUS AC Year 03	Collecting and organising data	Category data Statistical investigations
AC9M3ST02 - create and compare different graphical representations of data sets including using software where appropriate; interpret the data in terms of the context	AUS AC Year 03  AUS AC Year 03	Data displays	Representing and interpreting data displays Comparing data displays
AC9M3ST03 -conduct guided statistical investigations involving the collection, representation and interpretation of data for categorical and discrete numerical variables with respect to questions of interest	N/A	Teacher directed	Teacher directed

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M3ST01 - acquire	AUS Yr 03	SP Data	Tallies
data for categorical and	Australian		
discrete numerical	Curriculum Aligned		
variables to address a	AUS Yr 03		Sorting Data
question of interest or	Australian		
purpose by observing,	Curriculum Aligned		
collecting and accessing			
data sets; record the data			
using appropriate			
methods including			
frequency tables and			
spreadsheets			

AC9M3ST02- create and compare different graphical representations of data sets including using software where appropriate; interpret the data in terms of the context	AUS Yr 03 Australian Curriculum Aligned AUS Yr 03 Australian Curriculum Aligned	SP Data	Picture Graphs: More or Less Picture Graphs: single- unit scale
AC9M3ST03 -conduct guided statistical investigations involving the collection, representation and interpretation of data for categorical and discrete numerical variables with respect to questions of interest	N/A	Teacher directed	Teacher directed

# Probability

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M3P01 - identify	AUS AC Year 01	Chance	Use the everyday
practical activities and			language of chance
everyday events that	AUS AC Year 02		Use basic probability
involve chance; describe			language
possible outcomes and			
events as 'likely' or			
'unlikely' and identify some			
events as 'certain' or			
'impossible' explaining			
reasoning			
AC9M3P02 - conduct	AUS AC Year 03	Conducting	Conducting chance
repeated chance		chance	experiments
experiments; identify and		experiments	
describe possible			
outcomes, record the			
results, recognise and			
discuss the variation			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M3P01 - identify	AUS Yr 02	SP Chance	Most Likely and Least
practical activities and	Australian		Likely
everyday events that	Curriculum Aligned		
involve chance; describe	AUS Yr 03		Will it Happen?
possible outcomes and	Australian		
events as 'likely' or	Curriculum Aligned		
'unlikely' and identify some	AUS Yr 03		Chance Gauge
events as 'certain' or	Australian		
'impossible' explaining	Curriculum Aligned		
reasoning	AUS Yr 03		Possible Outcomes
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Counting Techniques 1
	Australian		
	Curriculum Aligned		
AC9M3P02 - conduct	N/A	Teacher	Teacher directed
repeated chance		directed	
experiments; identify and			
describe possible			
outcomes, record the			
results, recognise and			
discuss the variation			

# Year 4

# Number

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M4N01 - recognise	AUS AC Year 04	Place value to	Using decimal tenths
and extend the application	AUS AC Year 04	hundredths	Using decimal
of place value to tenths			hundredths
and hundredths and use	AUS AC Year 04		Partitioning decimal
the conventions of decimal			hundredths
notation to name and	AUS AC Year 04		Connecting fractions
represent decimals			and decimal notation
	AUS AC Year 04	Solving money	Addition and
		problems	subtraction money
			problems
AC9M4N02 - explain and	AUS AC Year 01	Patterns and	Odd and even number
use the properties of odd	1110 1 0 1 0 0	algebra	patterns (up to 20)
and even numbers	AUS AC Year 03	Odd and even	Identifying odd and
	ALIC A C.V. 04	numbers	even numbers
	AUS AC Year 04	Properties of	Odd and even
		odd and even numbers	numbers
AC9M4N03 - find	AUS AC Year 04	Equivalent	Investigating
equivalent representations	AUS AC TEUI 04	fractions	equivalent fractions
of fractions using related		ITUCTIONS	equivalent fractions
denominators and make			
connections between			
fractions and decimal			
notation			
AC9M4N04 - count by	AUS AC Year 04	Counting by	Counting in halves and
fractions including mixed		fractions and	quarters
numerals; locate and	AUS AC Year 04	mixed numerals	Counting in thirds
represent these fractions	AUS AC Year 04		Mixed numerals on the
as numbers on number			number line
lines			
AC9M4N05 - solve	AUS AC Year 04	Mult and div	Multiplying 2-digit
problems involving		strategies, no	numbers by multiples
multiplying or dividing	1110 1 0 1	remainder	of 100
natural numbers by	AUS AC Year 04		Dividing 3-digit
multiples and powers of 10 without a calculator,	ALIC ACV04		numbers by 10
using the multiplicative	AUS AC Year 04		Multiples and factors
relationship between the			up to 100
place value of digits			
AC9M4N06 - develop	AUS AC Year 04	Addition and	Add/subtract: efficient
efficient strategies and use	7.007.0 Teal 04	subtraction	strategies
appropriate digital tools	AUS AC Year 04	strategies	Posing addition and
for solving problems	,	J	subtraction problems
for solving problems			subtraction problems

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involving addition and	AUS AC Year 04		Addition algorithms
subtraction, and			(without regrouping)
multiplication and division	AUS AC Year 04		Addition algorithms
where there is no			(with regrouping)
remainder	AUS AC Year 04		Addition algorithms
			(with/without
			regrouping)
	AUS AC Year 04		Subtraction algorithms
			(without decomposing)
	AUS AC Year 04		Subtraction algorithms
			(with decomposing)
	AUS AC Year 04	Mult and div	Multiplication
		strategies, no	strategies: 1-digit
		remainder	numbers
	AUS AC Year 04		Using the conventions
	7.007.0104101		of multiplication
	AUS AC Year 04		Inverse facts:
	AOS AC TCUI OF		multiplication and
			division
	AUS AC Year 04		Practising
	AOS AC TCUI 04		multiplication
			strategies
	AUS AC Year 04		Multiplying 2-digit
	AUS AC TEUI 04		numbers by a 1-digit
			number
	AUS AC Year 04		Multiplying 2-digit
	AUS AC TEUI U4		numbers using
			_
	AUS AC Year 04		doubling
	AUS AC YEUI 04		Multiplying 2-digit
			numbers using
	AUS AC Year 04		factorising
	AUS AC Year 04		Selecting effective
			multiplication
	4110 4 0 1/		strategies
	AUS AC Year 04		Comparisons using the
			language of
			multiplication
	AUS AC Year 04		Dividing a 2-digit
			number by a 1-digit
A COM 4 M 10 7	ALIO A C.V.	A 1 11:1	number
AC9M4N07 - choose and	AUS AC Year 03	Addition &	Add/subtract
use estimation and		subtraction	estimating
rounding to check and		facts/strategies	
explain the			
reasonableness of			
calculations including the			
results of financial			
transactions			
AC9M4N08 - use	AUS AC Year 04	Addition and	Representing problems
mathematical modelling to		subtraction	using a bar model
solve practical problems	AUS AC Year 04	strategies	Add/subtract: word
that involve additive and			problems
multiplicative situations	AUS AC Year 04		Expressing equations
including financial			as word problems

contexts; formulate the problems using number sentences and choose efficient calculation strategies, using digital tools where appropriate; interpret and communicate solutions in terms of the situation	AUS AC Year 04	Multiplication & division word problems	Mult/div: solving word problems
AC9M4N09 - follow and create algorithms involving a sequence of steps and	AUS AC Year 04	Investigating sequences with multiples	Investigating sequences with multiples
decisions that use addition or multiplication to generate sets of numbers; identify and describe any emerging patterns	AUS AC Year 04	Exploring number patterns	Exploring number patterns

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M4N01 - recognise	AUS Yr 04	NA Decimals	Decimals from Words
and extend the application	Australian		to Digits 1
of place value to tenths	Curriculum Aligned		
and hundredths and use	AUS Yr 04		Decimal Place Value
the conventions of decimal	Australian		
notation to name and	Curriculum Aligned		
represent decimals	AUS Yr 04		Decimals on the
	Australian		Number Line
	Curriculum Aligned		
	AUS Yr 04		Nearest Whole
	Australian		Number
	Curriculum Aligned		
	AUS Yr 04		Fractions to Decimals
	Australian		
	Curriculum Aligned		
	AUS Yr 04	NA Whole	Place Value –
	Australian	Numbers &	Thousands
	Curriculum Aligned	Place Value	
	AUS Yr 04		Place Value 3
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Partition and rename 2
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Missing numbers 1
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Expanded Notation
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Numbers in Words
	Australian		
	Curriculum Aligned		

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natural numbers by			
multiples and powers of			
10 without a calculator,			
using the multiplicative			
relationship between the			
place value of digits	AUS Yr 04	NA Adding	Add Two 2 Digit
AC9M4N06 - develop		NA Adding -	Add Two 2-Digit
efficient strategies and use		Written	Numbers
appropriate digital tools for solving problems	Curriculum Aligned AUS Yr 04	Methods	Columns that Add
involving addition and			Columns that Ada
subtraction, and	Australian		
multiplication and division	Curriculum Aligned AUS Yr 04	-	Add 2 Digit Numbers
where there is no	Australian		Add 3-Digit Numbers
remainder			
remainaei	Curriculum Aligned AUS Yr 04	-	Add Throat Digit
	Australian		Add Three 1-Digit Numbers
			Numbers
	Curriculum Aligned AUS Yr 04	-	Add Two 2 Digit
	Australian		Add Two 2-Digit
	Curriculum Aligned		Numbers: Regroup
	AUS Yr 04	-	Add Three 2-Digit
	Australian		Numbers: Regroup
	Curriculum Aligned		Numbers. Regroup
	AUS Yr 04	_	Add 3-Digit Numbers:
	Australian		Regroup
	Curriculum Aligned		Regroup
	AUS Yr 04		Add Multi-Digit
	Australian		Numbers 1
	Curriculum Aligned		Trumbers 1
	AUS Yr 04		Add Three 3-Digit
	Australian		Numbers: Regroup
	Curriculum Aligned		Trampers. Hegreup
	AUS Yr 04		Adding Colossal
	Australian		Columns
	Curriculum Aligned		
	AUS Yr 04	_	Add Multi-Digit
	Australian		Numbers 2
	Curriculum Aligned		
	AUS Yr 04	NA Subtracting	Subtract Numbers
	Australian	- Written	
	Curriculum Aligned	Methods	
	AUS Yr 04		3-Digit Differences
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Subtract Numbers:
	Australian		Regroup
	Curriculum Aligned		
	AUS Yr 04		2-Digit Differences:
	Australian		Regroup
	Curriculum Aligned		
	AUS Yr 04		3-Digit Differences: 1
	Australian		Regrouping
	Curriculum Aligned		
	Curriculum Aligned AUS Yr 04 Australian Curriculum Aligned AUS Yr 04		2-Digit Differences: Regroup  3-Digit Differences: 1

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AUS Yr 04		3-Digit Differences: 2
Australian		Regroupings
Curriculum Aligned		3 D: :: D:((
AUS Yr 04		3-Digit Differences with Zeros
Australian		with Zeros
Curriculum Aligned		
AUS Yr 04		Columns that Subtract
Australian		
Curriculum Aligned		
AUS Yr 04		Subtracting Colossal
Australian		Columns
Curriculum Aligned	N.A. A	
AUS Yr 04	NA Adding &	Add 3 Numbers: Bonds
Australian	Subtracting -	to Multiples of 10
Curriculum Aligned	Mental Methods	
AUS Yr 04		Add 3 Numbers: Bonds
Australian		to 100
Curriculum Aligned		
AUS Yr 04		Repartition to Subtract
Australian		
Curriculum Aligned		
AUS Yr 04		Jump Add and
Australian		Subtract
Curriculum Aligned		
AUS Yr 04		Split Add and Subtract
Australian		
Curriculum Aligned		
AUS Yr 04		Compensation – Add
Australian		
Curriculum Aligned		
AUS Yr 04		Compensation –
Australian		Subtract
Curriculum Aligned		
AUS Yr 04		Magic Symbols 1
Australian		
Curriculum Aligned		
AUS Yr 04		Partition Puzzles 1
Australian		
Curriculum Aligned		
AUS Yr 04		Partition Puzzles 2
Australian		
Curriculum Aligned		
AUS Yr 04	NA Multiplying	Frog Jump
Australian	– Basics	Multiplication
Curriculum Aligned		
AUS Yr 04		Arrays 2
Australian		
Curriculum Aligned		
AUS Yr 04		Arrays 1
Australian		
Curriculum Aligned		
AUS Yr 04	NA Multiplying	Multiplication
Australian	& Dividing	Turnarounds
Curriculum Aligned		
- Carriculant Aligned		

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	AUS Yr 04		Multiplication Turn-
	Australian		Abouts
	Curriculum Aligned		
	AUS Yr 04		Related Facts 2
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Fact Families: Multiply
	Australian		and Divide
	Curriculum Aligned		
	AUS Yr 04		Division Facts 1
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Halve it!
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Multiply 3 single-digit
	Australian		numbers
	Curriculum Aligned		
AC9M4N07 - choose and	AUS Yr 04	NA Adding &	Estimate Sums
use estimation and	Australian	Subtracting -	
rounding to check and	Curriculum Aligned	Mental Methods	
explain the	AUS Yr 04	Werten Weerloas	Estimate Differences
reasonableness of	Australian		Estillate Dillerences
calculations including the	Curriculum Aligned		
results of financial	Curriculum Aligned		
transactions			
AC9M4N08 - use	AUS Yr 04	NA Multiplying	Problems: Times and
mathematical modelling to	Australian	& Dividing	Divide
solve practical problems	Curriculum Aligned	a Dividing	Divide
that involve additive and	AUS Yr 04		Multiply and Divide
multiplicative situations	Australian		Multiply and Divide Problems 1
including financial			Problems 1
contexts; formulate the	Curriculum Aligned AUS Yr 04	NIA Maria	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
problems using number		NA Money	Who's got the Money?
sentences and choose	Australian		
efficient calculation	Curriculum Aligned		14
	AUS Yr 04		Money
strategies, using digital	Australian		
tools where appropriate;	Curriculum Aligned		14 D II 5
interpret and communicate	AUS Yr 04		Money Problems: Four
solutions in terms of the	Australian		Operations
situation	Curriculum Aligned		
	AUS Yr 04		How much Change?
	Australian		
	Curriculum Aligned		
AC9M4N09 - follow and	AUS Yr 04	NA Multiplying	Counting up in 4s
create algorithms involving	Australian	– Basics	
a sequence of steps and	Curriculum Aligned		
decisions that use addition	AUS Yr 04		Counting up in 6s
or multiplication to	Australian		
generate sets of numbers;	Curriculum Aligned		
identify and describe any	AUS Yr 04		Counting up in 7s
emerging patterns	Australian		Ŭ ,
	Curriculum Aligned		
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	AUS Yr 04	Counting up in 8s
	Australian	
	Curriculum Aligned	

# Algebra

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M4A01 - find unknown values in numerical equations involving addition and subtraction, using the properties of numbers and operations	AUS AC Year 04	Addition & subtraction number sentences	Using number sentences to find unknown quantities
AC9M4A02 - recall and demonstrate proficiency	AUS AC Year 04	Multiplication and division	Multiplication/division facts for 4
with multiplication facts up to 10 x 10 and related	AUS AC Year 04	facts	Multiplication/division facts up to 5
division facts; extend and apply facts to develop	AUS AC Year 04		Multiplication/division facts and properties
efficient mental strategies for computation with larger numbers without a	AUS AC Year 04		Exploring multiplication/division for 6 up to 60
calculator	AUS AC Year 04		Exploring multiplication/division for 7 up to 70
	AUS AC Year 04		Exploring multiplication/division for 8 up to 80
	AUS AC Year 04		Exploring multiplication/division for 9 up to 90

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M4A01 - find	AUS Yr 04	NA Multiplying	Missing Numbers: x
unknown values in	Australian	& Dividing	and ÷ facts
numerical equations	Curriculum Aligned		
involving addition and	AUS Yr 04	NA Patterns &	Missing Values
subtraction, using the	Australian	Algebra	
properties of numbers and	Curriculum Aligned		
operations	AUS Yr 04		Missing Numbers
	Australian		
	Curriculum Aligned		
AC9M4A02 - recall and	AUS Yr 04	NA Multiplying	Model Multiplication to
demonstrate proficiency	Australian	– Basics	5 × 5
with multiplication facts	Curriculum Aligned		
up to 10 x 10 and related	AUS Yr 04	NA Multiplying	Times Tables
division facts; extend and	Australian	& Dividing	
apply facts to develop	Curriculum Aligned		
efficient mental strategies			
for computation with			

larger numbers without a		
larger Hambers Without a		
calculator		

#### Measurement

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M4M01 - interpret unmarked and partial units when measuring and comparing attributes of length, mass, capacity, duration and temperature, using scaled and digital instruments and appropriate units	AUS AC Year 04	Length, mass, capacity and temperature	Metric units of length Length and 3D objects Temperature Measuring capacity in millilitres Measuring mass in grams and kilograms
AC9M4M02 - recognise ways of measuring and	AUS AC Year 04	Measure perimeter	Introducing perimeter
approximating the perimeter and area of shapes and enclosed spaces, using appropriate formal and informal units	AUS AC Year 02  AUS AC Year 02	Area	Compare and order areas (informal units)  Measure and estimate area using square units
	AUS AC Year 04	Area and volume	Compare area using metric units
AC9M4M03 - solve problems involving the	AUS AC Year 04	Converting units of time	Convert units of time
duration of time including situations involving "am" and "pm" and conversions between units of time	AUS AC Year 04	AM/PM and elapsed time	AM/PM and elapsed time problems
AC9M4M04 - estimate and compare angles using	AUS AC Year 04	Classifying angles	Classify angles
angle names including acute, obtuse, straight angle, reflex and revolution, and recognise their relationship to a right angle	AUS AC Year 04	Area of regular and irregular shapes	Measuring & comparing regular and irregular shapes

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M4M01 - interpret	AUS Yr 04	MG	Measuring Length
unmarked and partial units	Australian	Measurement –	
when measuring and	Curriculum Aligned	Units	
comparing attributes of	AUS Yr 04		Centimetres and
length, mass, capacity,	Australian		Metres
duration and temperature,	Curriculum Aligned		
using scaled and digital	AUS Yr 04		Using a Litre
instruments and	Australian		
appropriate units	Curriculum Aligned		

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	AUS Yr 04		How Heavy?
	Australian		
	Curriculum Aligned		
	AUS Yr 04		How Heavy is it?
	Australian		
	Curriculum Aligned		
	AUS Yr 04		What's the
	Australian		Temperature (Celsius)?
	Curriculum Aligned		
	AUS Yr 04		Which Measuring
	Australian		Tool?
	Curriculum Aligned		
AC9M4M02 - recognise	AUS Yr 04	MG	Area of Shapes
ways of measuring and	Australian	Measurement –	
approximating the	Curriculum Aligned	Units	
perimeter and area of			
shapes and enclosed			
spaces, using appropriate			
formal and informal units			
AC9M4M03 - solve	AUS Yr 04	MG	Time Conversions:
problems involving the	Australian	Measurement –	Whole Numbers 1
duration of time including	Curriculum Aligned	Time	
situations involving "am"	AUS Yr 04		Time Conversions:
and "pm" and conversions	Australian		Whole Numbers 2
between units of time	Curriculum Aligned		
	AUS Yr 04		Time Conversions:
	Australian		Simple Fractions
	Curriculum Aligned		
	AUS Yr 04		Time Conversions:
	Australian		Simple Decimals (0.25,
	Curriculum Aligned		0.5, 0.75)
	AUS Yr 04		Time Mentals
	Australian		
	Curriculum Aligned		
AC9M4M04 - estimate	AUS Yr 04	MG Angles	Equal Angles
and compare angles using	Australian		
angle names including	Curriculum Aligned		
acute, obtuse, straight	AUS Yr 04		Comparing Angles
angle, reflex and	Australian		
revolution, and recognise	Curriculum Aligned		
their relationship to a right	AUS Yr 04		Right Angle Relation
angle	Australian		
	Curriculum Aligned		
	AUS Yr 04		What Type of Angle?
	Australian		
	Curriculum Aligned		
	AUS Yr 04		Classifying Angles
	Australian		, 5 9.22
	Curriculum Aligned		
	/giiou		

# Space

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M4SP01 - represent and approximate composite shapes and objects in the environment, using combinations of familiar shapes and objects	AUS AC Year 04	Compose and decompose 2D shapes	Composing and decomposing 2D shapes
AC9M4SP02 - create and interpret grid reference systems using grid references and directions to locate and describe positions and pathways	AUS AC Year 04  AUS AC Year 04	Scales, legends and directions	Using legends and cardinal compass directions Solving measurement problems
AC9M4SP03 - recognise line and rotational	AUS AC Year 02	Translations of shapes	Translations of shapes (slides, flips, turns)
symmetry of shapes and create symmetrical	AUS AC Year 04	Symmetrical patterns,	Introducing transformations
patterns and pictures, using dynamic geometric	AUS AC Year 04	pictures & shapes	Creating and drawing symmetrical designs
software where appropriate	AUS AC Year 04		Recognising tessellations

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M4SP01 - represent and approximate composite shapes and objects in the environment, using combinations of familiar shapes and	N/A	Teacher directed	Teacher directed
objects  AC9M4SP02 - create and interpret grid reference systems using grid	AUS Yr 04 Australian Curriculum Aligned	MG Location and Transformation	Map Coordinates
references and directions to locate and describe positions and pathways	AUS Yr 04 Australian Curriculum Aligned	MG Location and Transformation	Using a Key
	AUS Yr 04 Australian Curriculum Aligned	MG Location and Transformation	What Direction was That?
	AUS Yr 04 Australian Curriculum Aligned	MG Location and Transformation	More Directions!
AC9M4SP03 - recognise line and rotational symmetry of shapes and	N/A	Teacher directed	Teacher directed

create symmetrical		
patterns and pictures,		
using dynamic geometric		
software where		
appropriate		

# **Statistics**

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M4ST01 - acquire data for categorical and discrete numerical variables to address a question of interest or purpose using digital tools; represent data using many-to-one pictographs, column graphs and other displays or visualisations; interpret and discuss the information that has been created	AUS AC Year 04  AUS AC Year 04	Construct suitable data displays	Column graphs using many-to-one correspondence Picture graphs with many-to-one correspondence
AC9M4ST02 - analyse the effectiveness of different displays or visualisations in illustrating and comparing data distributions, then discuss the shape of distributions and the variation in the data	AUS AC Year 04	Evaluating and comparing data displays	Evaluating and comparing data displays
AC9M4ST03 - conduct statistical investigations, collecting data through survey responses and other methods; record and display data using digital tools; interpret the data and communicate the results	AUS AC Year 04	Methods of data collection	Surveys and sorting data

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M4ST01 - acquire	AUS Yr 04	SP Data	Picture Graphs: with
data for categorical and	Australian		scale & half symbols
discrete numerical	Curriculum Aligned		
variables to address a	AUS Yr 04		Pictographs
question of interest or	Australian		
purpose using digital tools;	Curriculum Aligned		
represent data using	AUS Yr 04		Making Picture Graphs:
many-to-one pictographs,	Australian		With Scale
column graphs and other	Curriculum Aligned		
displays or visualisations;	AUS Yr 04		Column Graphs
interpret and discuss the	Australian		
	Curriculum Aligned		

information that has been created	AUS Yr 04 Australian Curriculum Aligned		Reading from a Column Graph
AC9M4ST02 - analyse the effectiveness of different displays or visualisations in illustrating and comparing data distributions, then discuss the shape of distributions and the variation in the data	N/A	Teacher directed	Teacher directed
AC9M4ST03 - conduct statistical investigations, collecting data through survey responses and other methods; record and display data using digital tools; interpret the data and communicate the results	N/A	Teacher directed	Teacher directed

# Probability

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M4P01 - describe	AUS AC Year 04	Chance events	Describing the chance
possible everyday events			of events occurring
and the possible outcomes	AUS AC Year 04	Non-	Exploring non-
of chance experiments and		simultaneous	simultaneous everyday
order outcomes or events		everyday	events
based on their likelihood of		events	
occurring; identify	AUS AC Year 04	Independent	Independent and
independent or dependent		and dependent	dependent events
events		events	
AC9M4P02 - conduct	AUS AC Year 03	Conducting	Conducting chance
repeated chance		chance	experiments
experiments to observe		experiments	
relationships between			
outcomes; identify and			
describe the variation in			
results			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M4P01 - describe	AUS Yr 04	SP Chance	Possible Outcomes
possible everyday events	Australian		
and the possible outcomes	Curriculum Aligned		
of chance experiments and	AUS Yr 04		Counting Techniques 1
order outcomes or events	Australian		
based on their likelihood of	Curriculum Aligned		
occurring; identify	AUS Yr 04		What are the
independent or dependent	Australian		Chances?
events	Curriculum Aligned		
AC9M4P02 - conduct	N/A	Teacher	Teacher directed
repeated chance		directed	
experiments to observe			
relationships between			
outcomes; identify and			
describe the variation in			
results			

# Year 5

# Number

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M5N01 - interpret,	AUS AC Year 05	Place value to	Place value to
compare and order		thousandths	thousandths
numbers with more than	AUS AC Year 05	Compare and order	Compare and order
2 decimal places,		decimals	decimals
including numbers			
greater than one, using			
place value			
understanding; represent			
these on a number line			
AC9M5N02 - express	AUS AC Year 05	Multiples, factors	Multiples and Factors
natural numbers as		and divisibility test	
products of their factors,	AUS AC Year 05		Divisibility Tests
recognise multiples and			
determine if one number			
is divisible by another			
AC9M5N03 - compare	AUS AC Year 05	Comparing/ordering	Compare and order
and order fractions with		common unit	common unit fractions
the same and related		fractions	
denominators including			
mixed numerals, applying			
knowledge of factors and			
multiples; represent these			
fractions on a number line	ALIC ACY 00		
AC9M5N04 - recognise	AUS AC Year 06	Fractions, decimals,	Representing
that 100% represents the		and percentages	fractions, decimals
complete whole and use			and percentages
percentages to describe,			
represent and compare relative size; connect			
familiar percentages to			
their decimal and fraction			
equivalents			
AC9M5N05 - solve	AUS AC Year 05	Addition and	Adding and
problems involving	, 135 / 16   16di 05	subtraction:	subtracting proper
addition and subtraction		fractions	fractions
of fractions with the same	AUS AC Year 05		Add & subtract
or related denominators,			fractions - common
using different strategies			denominators
AC9M5N06 - solve	AUS AC Year 05	Multiplication	Multiplication using
problems involving			multiples of 10
multiplication of larger	AUS AC Year 05		Mult: rounding,
numbers by one- or two-			compensating and
digit numbers, choosing			partitioning

· · · · · · · · · · · · · · · · · · ·	LALIC ACV		1 x 4 10 1 1 12 1 1 1 2
efficient calculation	AUS AC Year 05	Year 05	Mult: doubling, halving
strategies and using	AUS AC Year 05		and thirding
digital tools where	AUS AC Year US		Multiplying using the
appropriate; check the reasonableness of	ALIC AC Varia OF		split method
answers	7.007.00.00		Multiplying using an area model
disweis	AUS AC Year 05		
	AUS AC TEUL US		Multiplying using formal algorithms
AC9M5N07 - solve	AUS AC Year 05	Division	Division using
problems involving	AUS AC TEUL US	DIVISION	partitioning
division, choosing	AUS AC Year 05		Extended division - no
efficient strategies and	AUS AC TEUL US		remainders or zeros
using digital tools where	AUS AC Year 05		Extended division –
appropriate; interpret any	AOS AC TCUI OS		remainders
remainder according to	AUS AC Year 05		Extended division -
the context and express	71007101100		with and without
results as a whole			remainders
number, decimal or	AUS AC Year 05		Contracted division -
fraction			no remainders or
			zeros
	AUS AC Year 05		Contracted division -
			no remainders
	AUS AC Year 05		Contracted division -
			with and without
			remainders
AC9M5N08 - check and	AUS AC Year 05	Estimating and	Checking with
explain the		rounding	estimation and
reasonableness of			rounding
solutions to problems	AUS AC Year 05		Rounding to estimate
including financial			products and
contexts using estimation			quotients
strategies appropriate to			
the context	AUS AC Year 05	A -1 -1:1:1	A -1-10
AC9M5N09 - use	AUS AC Year US	Addition and subtraction	Adding numbers of
mathematical modelling to solve practical	AUS AC Year 05	Subtraction	any size
problems involving	AUS AC Teul US		Subtracting numbers of any size
additive and	AUS AC Year 05		Adding and
multiplicative situations	AUS AC TEUL US		subtracting numbers
including financial			of any size
contexts; formulate the	AUS AC Year 05	Multiplication	Multiplication word
problems, choosing		a.a.p.iioadioii	problems
operations and efficient	AUS AC Year 05	Division	Division word
calculation strategies,			problems
using digital tools where			
appropriate; interpret and			
communicate solutions in			
terms of the situation			
AC9M5N10 - create and	N/A	Teacher directed	Teacher directed
use algorithms involving			
a sequence of steps and			
decisions and digital			
tools to experiment with			
factors, multiples and			
divisibility; identify,			

interpret and describe		
emerging patterns		

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M5N01 - interpret,	AUS Yr 05	NA REVIEW	Expanded Notation
compare and order	Australian	Whole	
numbers with more than 2	Curriculum Aligned	Numbers &	
decimal places, including	AUS Yr 05	Place Value	Numbers in Words
numbers greater than one,	Australian		
using place value	Curriculum Aligned		
understanding; represent	AUS Yr 05		Partition and Rename
these on a number line	Australian		3
	Curriculum Aligned		
	AUS Yr 05		Place Value to Millions
	Australian		
	Curriculum Aligned		
	AUS Yr 05		Numbers from Words
	Australian		to Digits 1
	Curriculum Aligned		
	AUS Yr 05		Numbers from Words
	Australian		to Digits 2
	Curriculum Aligned		
	AUS Yr 05		Equal, less or Greater
	Australian		Than?
	Curriculum Aligned		
	AUS Yr 05	NA Decimals	Decimals from Words
	Australian		to Digits 2
	Curriculum Aligned		
	AUS Yr 05		Decimals on a Number
	Australian		Line
	Curriculum Aligned		
	AUS Yr 05		Comparing Decimals 1
	Australian		
	Curriculum Aligned		Carragina Dagina da
	AUS Yr 05 Australian		Comparing Decimals
	Curriculum Aligned AUS Yr 05		Decimal Order
	Australian		Decimal Order
	Curriculum Aligned		
	AUS Yr 05		Decimal Order 1
	Australian		Decimal Order 1
	Curriculum Aligned		
AC9M5N02 - express	AUS Yr 05	NA Multiples &	Multiples
natural numbers as	Australian	Factors	
products of their factors,	Curriculum Aligned		
recognise multiples and	AUS Yr 05		Lowest Common
determine if one number is	Australian		Multiple
divisible by another	Curriculum Aligned		

	ALICY OF		le.
	AUS Yr 05		Factors
	Australian		
	Curriculum Aligned		
	AUS Yr 05		Find the Factor
	Australian		
	Curriculum Aligned		
	AUS Yr 05		Fit the Conditions 1
	Australian		
	Curriculum Aligned		
AC9M5N03 - compare and	AUS Yr 05	NA REVIEW	Equivalent Fractions
order fractions with the	Australian	Fractions –	on a Number Line 2
same and related	Curriculum Aligned	Equivalence	
denominators including	AUS Yr 05	'	Equivalent Fraction
mixed numerals, applying	Australian		Wall 1
knowledge of factors and	Curriculum Aligned		, van 1
multiples; represent these	AUS Yr 05		Equivalent Fraction
fractions on a number line	Australian		Wall 2
nactions on a namber line			vvali 2
A COMENIO 4	Curriculum Aligned AUS Yr 06	NA Fractions.	Modelling Days art and
AC9M5N04 - recognise		,	Modelling Percentages
that 100% represents the	Australian	Decimals &	
complete whole and use	Curriculum Aligned	Percentages	_
percentages to describe,	AUS Yr 06		Fractions to
represent and compare	Australian		Percentages (Non-
relative size; connect	Curriculum Aligned		Calculator)
familiar percentages to			
their decimal and fraction			
equivalents			
AC9M5N05 - solve	AUS Yr 05	NA Fractions -	Add Subtract Fractions
AC9M5N05 - solve problems involving	AUS Yr 05 Australian	NA Fractions - Adding and	Add Subtract Fractions 1
AC9M5N05 - solve			
AC9M5N05 - solve problems involving	Australian	Adding and	
AC9M5N05 - solve problems involving addition and subtraction	Australian Curriculum Aligned	Adding and	1
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same	Australian Curriculum Aligned AUS Yr 05	Adding and	1 Add: Common
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators,	Australian Curriculum Aligned AUS Yr 05 Australian	Adding and	1 Add: Common
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators,	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned	Adding and	1 Add: Common Denominator
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators,	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned AUS Yr 05 Australian	Adding and	Add: Common Denominator  Subtract: Common
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators,	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned	Adding and	Add: Common Denominator  Subtract: Common Denominator
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators,	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned AUS Yr 05	Adding and	Add: Common Denominator  Subtract: Common
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators,	Australian Curriculum Aligned AUS Yr 05 Australian	Adding and	Add: Common Denominator  Subtract: Common Denominator
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned	Adding and Subtracting	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve	Australian Curriculum Aligned AUS Yr 05	Adding and Subtracting  NA Multiplying	Add: Common Denominator  Subtract: Common Denominator
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving	Australian Curriculum Aligned AUS Yr 05 Australian	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned	Adding and Subtracting  NA Multiplying	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-	Australian Curriculum Aligned AUS Yr 05	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing	Australian Curriculum Aligned AUS Yr 05 Australian	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using	Australian Curriculum Aligned AUS Yr 05	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10  Mental Methods
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using digital tools where	Australian Curriculum Aligned AUS Yr 05 Australian	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using digital tools where appropriate; check the	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10  Mental Methods Multiplication 1
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using digital tools where appropriate; check the reasonableness of	Australian Curriculum Aligned AUS Yr 05	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10  Mental Methods Multiplication 1  Multiplying by 10, 100,
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using digital tools where appropriate; check the	Australian Curriculum Aligned AUS Yr 05 Australian	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10  Mental Methods Multiplication 1
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using digital tools where appropriate; check the reasonableness of	Australian Curriculum Aligned AUS Yr 05 Australian Curriculum Aligned	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10  Mental Methods Multiplication 1  Multiplying by 10, 100, 1000
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using digital tools where appropriate; check the reasonableness of	Australian Curriculum Aligned AUS Yr 05 Australian	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10  Mental Methods Multiplication 1  Multiplying by 10, 100,
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using digital tools where appropriate; check the reasonableness of	Australian Curriculum Aligned AUS Yr 05 Australian	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10  Mental Methods Multiplication 1  Multiplying by 10, 100, 1000
AC9M5N05 - solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies  AC9M5N06 - solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient calculation strategies and using digital tools where appropriate; check the reasonableness of	Australian Curriculum Aligned AUS Yr 05	Adding and Subtracting  NA Multiplying & Dividing –	Add: Common Denominator  Subtract: Common Denominator  One Take Fraction  Multiply Multiples of 10  Multiply More Multiples of 10  Mental Methods Multiplication 1  Multiplying by 10, 100, 1000  Mental Methods

AC9M5N09 - use	N/A	Teacher	Teacher directed
mathematical modelling to		directed	
solve practical problems			
involving additive and			
multiplicative situations			
including financial			
contexts; formulate the			
problems, choosing			
operations and efficient			
calculation strategies,			
using digital tools where			
appropriate; interpret and			
communicate solutions in			
terms of the situation			
AC9M5N10 - create and	N/A	Teacher	Teacher directed
use algorithms involving a		directed	
sequence of steps and			
decisions and digital			
tools to experiment with			
factors, multiples and			
divisibility; identify,			
interpret and describe			
emerging patterns			

# Algebra

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M5A01 - recognise	AUS AC Year 04	Mult and div	Inverse facts:
and explain the connection		strategies, no	multiplication and
between multiplication		remainder	division
and division as inverse			
operations and use this to			
develop families of number			
facts			
AC9M5A02 - find	AUS AC Year 05	Number	Number sentences -
unknown values in		sentences-mult	mult and div
numerical equations		and div	
involving multiplication	AUS AC Year 05	Multiplication	Multiplying by
and division using the			factorising
properties of numbers and			
operations			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M5A01 - recognise	AUS Yr 04	NA Multiplying	Related Facts 2
and explain the connection	Australian	& Dividing	
between multiplication	Curriculum Aligned		
and division as inverse	AUS Yr 04		Fact Families: Multiply
operations and use this to	Australian		and Divide
develop families of number	Curriculum Aligned		
facts			
AC9M5A02 - find	AUS Yr 05	NA Patterns &	Find the Missing
unknown values in	Australian	Algebra	Number 1
numerical equations	Curriculum Aligned		
involving multiplication	AUS Yr 05		I am Thinking of a
and division using the	Australian		Number!
properties of numbers and	Curriculum Aligned		
operations	AUS Yr 05		Equivalent Facts:
	Australian		Multiply
	Curriculum Aligned		

### Measurement

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M5M01 - choose	AUS AC Year 05	Length, area,	Comparing and
appropriate metric units		volume,	ordering metric lengths
when measuring the	AUS AC Year 05	capacity and	Selecting appropriate
length, mass and capacity		mass	units for measuring
of objects; use smaller			
units or a combination of			
units to obtain a more			
accurate measure			
AC9M5M02 - solve	AUS AC Year 05	Perimeter and	Calculating perimeter
practical problems		area	of rectangles
involving the perimeter	AUS AC Year 05		Calculating the area of
and area of regular and			rectangles
irregular shapes using			
appropriate metric units			
AC9M5M03 - compare 12-	AUS AC Year 05	24-hour time	Using 24-hour time
and 24-hour time systems			
and solve practical			
problems involving the			
conversion between them			
AC9M5M04 - estimate,	AUS AC Year 05	Angles	Identifying and
construct and measure			measuring angles
angles in degrees, using	AUS AC Year 05		Classifying and
appropriate tools including			constructing angles
a protractor, and relate			
these measures to angle			
names			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M5M01 - choose	AUS Yr 05	MG	Which Unit of
appropriate metric units	Australian	Measurement –	Measurement?
when measuring the	Curriculum Aligned	Units	
length, mass and capacity			
of objects; use smaller			
units or a combination of			
units to obtain a more			
accurate measure			
AC9M5M02 - solve	AUS Yr 05	MG	Perimeter of Shapes
practical problems	Australian	Measurement –	
involving the perimeter	Curriculum Aligned	Units	
and area of regular and	AUS Yr 05		Perimeter: Squares
irregular shapes using	Australian		and Rectangles
appropriate metric units	Curriculum Aligned		
	AUS Yr 05		Area of Shapes
	Australian		
	Curriculum Aligned		

	AUS Yr 05		Calculate Area of
	Australian		Squares and
	Curriculum Aligned		Rectangles
	AUS Yr 05		How many Blocks?
	Australian		
	Curriculum Aligned		
AC9M5M03 - compare 12-	AUS Yr 05	MG	24 Hour Time
and 24-hour time systems	Australian	Measurement –	
and solve practical	Curriculum Aligned	Time	
problems involving the	AUS Yr 05		Time Conversions:
conversion between them	Australian		Whole Numbers 1
	Curriculum Aligned		
	AUS Yr 05		Time Conversions:
	Australian		Whole Numbers 2
	Curriculum Aligned		
	AUS Yr 05		Time Conversions:
	Australian		Simple Fractions
	Curriculum Aligned		·
	AUS Yr 05		What Time Will it Be?
	Australian		
	Curriculum Aligned		
	AUS Yr 05		Time Mentals
	Australian		
	Curriculum Aligned		
AC9M5M04 - estimate,	AUS Yr 05	MG Shape and	Right Angle Relation
construct and measure	Australian	Angles	
angles in degrees, using	Curriculum Aligned		
appropriate tools including	AUS Yr 05		What Type of Angle?
a protractor, and relate	Australian		,, , ,
these measures to angle	Curriculum Aligned		
names	AUS Yr 05		Classifying Angles
	Australian		
	Curriculum Aligned		
	AUS Yr 05		Measuring Angles
	Australian		
	Curriculum Aligned		
	AUS Yr 05		Estimating Angles
	Australian		Loanidaria / mgico
	Curriculum Aligned		
	Curriculum Aligned		

# Space

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M5SP01 - connect objects to their nets and build objects from their nets using spatial and	AUS AC Year 05	Nets	Nets
geometric reasoning			
AC9M5SP02 - construct a grid coordinate system that uses coordinates to locate positions within a space; use coordinates and directional language to describe position and movement	AUS AC Year 05 AUS AC Year 05	Grid reference and directional language	Grid-referenced maps Using landmarks and directional language
AC9M5SP03 - describe and perform translations,	AUS AC Year 05	Transformations and symmetry	One-step transformations
reflections and rotations of shapes, using dynamic geometric software where appropriate; recognise what changes and what remains the same, and identify any symmetries	AUS AC Year 05		Symmetry

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M5SP01 - connect	N/A	Teacher	Teacher directed
objects to their nets and		directed	
build objects from their			
nets using spatial and			
geometric reasoning			
AC9M5SP02 - construct a	AUS Yr 05	MG Location	Using a Key
grid coordinate system	Australian	and	
that uses coordinates to	Curriculum Aligned	Transformation	
locate positions within a	AUS Yr 05		What Direction was
space; use coordinates	Australian		That?
and directional language	Curriculum Aligned		
to describe position and	AUS Yr 05		More Directions!
movement	Australian		
	Curriculum Aligned		
	AUS Yr 05		Scale
	Australian		
	Curriculum Aligned		
	AUS Yr 05		Map Coordinates
	Australian		
	Curriculum Aligned		

AC9M5SP03 - describe	AUS Yr 05	MG Location	Transformations
and perform translations,	Australian	and	
reflections and rotations of	Curriculum Aligned	Transformation	
shapes, using dynamic	AUS Yr 05		Symmetry
geometric software where	Australian		
appropriate; recognise	Curriculum Aligned		
what changes and what	AUS Yr 05		Symmetry or Not?
remains the same, and	Australian		
identify any symmetries	Curriculum Aligned		
	AUS Yr 05		Rotational Symmetry
	Australian		of Shapes
	Curriculum Aligned		
	AUS Yr 05		Rotational Symmetry
	Australian		
	Curriculum Aligned		

## **Statistics**

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M5ST01 - acquire, validate and represent data for nominal and ordinal categorical and discrete numerical variables to address a question of interest or purpose using software including spreadsheets; discuss and report on data distributions in terms of highest frequency (mode) and shape, in the context of the data	N/A	Teacher directed	Teacher directed
AC9M5ST02 - interpret line graphs representing change over time; discuss the relationships that are represented and conclusions that can be made	AUS AC Year 05	Constructing data displays	Constructing data displays
AC9M5ST03 - plan and conduct statistical investigations by posing questions or identifying a problem and collecting relevant data; choose appropriate displays and interpret the data; communicate findings within the context of the investigation	AUS AC Year 05	Categorical and numerical data	Categorical and numerical data

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M5ST01 - acquire,	N/A	Teacher	Teacher directed
validate and represent		directed	
data for nominal and			
ordinal categorical and			
discrete numerical			
variables to address a			
question of interest or			
purpose using software			
including spreadsheets;			
discuss and report on data			
distributions in terms of			

highest frequency (mode) and shape, in the context of the data			
AC9M5ST02 - interpret line graphs representing change over time; discuss	AUS Yr 05 Australian Curriculum Aligned	SP REVIEW Data	Column Graphs
the relationships that are represented and conclusions that can be made	AUS Yr 05 Australian Curriculum Aligned		Reading from a Column Graph
AC9M5ST03 - plan and conduct statistical investigations by posing questions or identifying a problem and collecting relevant data; choose appropriate displays and interpret the data; communicate findings within the context of the investigation	N/A	Teacher directed	Teacher directed

# Probability

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M5P01 - list the	AUS AC Year 05	Outcomes of	Outcomes of Chance
possible outcomes of		chance	Experiments
chance experiments		experiments	
involving equally likely			
outcomes and compare to			
those which are not			
equally likely			
AC9M5P02 - conduct	N/A	Teacher	Teacher directed
repeated chance		directed	
experiments including			
those with and without			
equally likely outcomes,			
observe and record the			
results; use frequency to			
compare outcomes and			
estimate their likelihoods			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M5P01 - list the	AUS Yr 05	SP Chance	Possible Outcomes
possible outcomes of	Australian		
chance experiments	Curriculum Aligned		
involving equally likely	AUS Yr 05		Counting Techniques 1
outcomes and compare to	Australian		
those which are not	Curriculum Aligned		
equally likely	AUS Yr 05		What are the
	Australian		Chances?
	Curriculum Aligned		
	AUS Yr 05		Introductory
	Australian		Probability
	Curriculum Aligned		
AC9M5P02 - conduct	N/A	Teacher	Teacher directed
repeated chance		directed	
experiments including			
those with and without			
equally likely outcomes,			
observe and record the			
results; use frequency to compare outcomes and			
•			
estimate their likelihoods			

# Year 6

# Number

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M6N01 - recognise	AUS AC Year 06	Integers	Investigating and
situations, including			interpreting integers
financial contexts, that use			
integers; locate and			
represent integers on a			
number line and as			
coordinates on the			
Cartesian plane			
AC9M6N02 - identify and	AUS AC Year 06	Properties of	Prime and composite
describe the properties of		numbers	numbers
prime, composite and			
square numbers and use			
these properties to solve			
problems and simplify			
calculations			
AC9M6N03 - apply	AUS AC Year 06	Fractions with	Working with fractions
knowledge of equivalence		related	
to compare, order and		denominators	
represent common			
fractions including halves,			
thirds and quarters on the			
same number line and			
justify their order			
AC9M6N04 - apply	AUS AC Year 06	Adding and	Adding decimals
knowledge of place value	AUS AC Year 06	subtracting	Subtracting decimals
to add and subtract		decimals	
decimals, using digital			
tools where appropriate;			
use estimation and			
rounding to check the			
reasonableness of			
answers			
AC9M6N05 - solve	AUS AC Year 06	Adding and	Add & subtract
problems involving		subtracting	fractions-related
addition and subtraction		fractions	denominators
of fractions using	AUS AC Year 06		Add and subtract
knowledge of equivalent			fractions and mixed
fractions			numerals
AC9M6N06 - multiply and	AUS AC Year 06	Mult/div	Mult/div decimals by
divide decimals by		decimals by	powers of 10
multiples of powers of 10		powers of 10	
without a calculator,			
applying knowledge of			
place value and			
proficiency with			

multiplication facts, using estimation and rounding to check the reasonableness of answers			
AC9M6N07 - solve problems that require finding a familiar fraction,	AUS AC Year 06	Finding a fraction of a quantity	Finding a fraction of a quantity
decimal or percentage of a quantity, including percentage discounts, choosing efficient calculation strategies and using digital tools where appropriate	AUS AC Year 06	Calculating percentages	Calculating percentages
AC9M6N08 - approximate numerical solutions to problems involving rational numbers and percentages, including financial contexts, using appropriate estimation strategies	N/A	Teacher directed	Teacher directed
AC9M6N09 - use mathematical modelling to solve practical problems, involving rational numbers and percentages, including in financial contexts; formulate the problems, choosing operations and efficient calculation strategies, and using digital tools where appropriate; interpret and communicate solutions in terms of the situation, justifying the choices made	N/A	Teacher directed	Teacher directed

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M6N01 - recognise	AUS Yr 06	NA Positive &	Integers on a Number
situations, including	Australian	Negative	Line
financial contexts, that use	Curriculum Aligned	Numbers	
integers; locate and	AUS Yr 06		Ordering Integers
represent integers on a	Australian		(Number Line)
number line and as	Curriculum Aligned		
coordinates on the			
Cartesian plane			
AC9M6N02 - identify and	AUS Yr 06	NA Multiples,	Multiples
describe the properties of	Australian	Factors &	
prime, composite and	Curriculum Aligned	Primes	

aguara numbara and usa	AUS Yr 06		Lowest Common
square numbers and use	Australian		
these properties to solve problems and simplify	Curriculum Aligned		Multiple
calculations	AUS Yr 06		Factors
Calculations	Australian		Factors
	Curriculum Aligned		F: 1.1 F .
	AUS Yr 06		Find the Factor
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Highest Common
	Australian		Factor
	Curriculum Aligned		
	AUS Yr 06		Fit the Conditions 1
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Prime or Composite?
	Australian		
	Curriculum Aligned		
	AUS Yr 07	NA Primes and	Divisibility Tests (2, 5,
	Australian	Prime	10)
	Curriculum Aligned	Factorisation	
	AUS Yr 07		Divisibility Tests (3, 4,
	Australian		9)
	Curriculum Aligned		
	AUS Yr 07		Divisibility Tests
	Australian		ŕ
	Curriculum Aligned		
AC9M6N03 - apply	AUS Yr 06	NA Fractions –	Equivalent Fractions
knowledge of equivalence	Australian	Concept	on a Number Line 2
	, tasti alian		on a Namber Line 2
			on a Namber Line 2
to compare, order and	Curriculum Aligned AUS Yr 06		
	Curriculum Aligned		Equivalent Fraction Wall 1
to compare, order and represent common fractions including halves,	Curriculum Aligned AUS Yr 06 Australian		Equivalent Fraction
to compare, order and represent common	Curriculum Aligned AUS Yr 06		Equivalent Fraction Wall 1
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned		Equivalent Fraction Wall 1  Equivalent Fraction
to compare, order and represent common fractions including halves, thirds and quarters on the	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06 Australian		Equivalent Fraction Wall 1
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06 Australian		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral  Converting Mixed and
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned		Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral  Converting Mixed and Improper
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 07	NA Fractions	Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral  Converting Mixed and
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 07 Australian	NA Fractions (Comparing	Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral  Converting Mixed and Improper
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 07 Australian Curriculum Aligned AUS Yr 07 Australian Curriculum Aligned	NA Fractions	Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral  Converting Mixed and Improper  Comparing Fractions 1
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 07	NA Fractions (Comparing	Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral  Converting Mixed and Improper
to compare, order and represent common fractions including halves, thirds and quarters on the same number line and	Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 07 Australian Curriculum Aligned AUS Yr 07 Australian Curriculum Aligned	NA Fractions (Comparing	Equivalent Fraction Wall 1  Equivalent Fraction Wall 2  The Equivalent Fraction  Simplify Fractions  Improper Fraction to Mixed Numeral  Converting Mixed and Improper  Comparing Fractions 1

	AUS Yr 07		Arranging Fractions
	Australian		Arranging Fractions
A COMONIO A superalis	Curriculum Aligned AUS Yr 06	NA Decimals -	A deline of Decine of a
AC9M6N04 - apply knowledge of place value	Australian		Adding Decimals
to add and subtract		Adding &	
	Curriculum Aligned	Subtracting	A dal Dispiratoria 2
decimals, using digital	AUS Yr 06		Add Decimals 2
tools where appropriate;	Australian		
use estimation and	Curriculum Aligned		
rounding to check the	AUS Yr 06		Decimal Complements
reasonableness of	Australian		
answers	Curriculum Aligned		
	AUS Yr 06		Subtract Decimals 1
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Subtract Decimals 2
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Adding and
	Australian		Subtracting Decimals
	Curriculum Aligned		
	AUS Yr 06		Estimate Decimal
	Australian		Sums 1
	Curriculum Aligned		
	AUS Yr 06		Estimate Decimal
	Australian		Differences 1
	Curriculum Aligned		
AC9M6N05 - solve	AUS Yr 06	NA Fractions -	Add Subtract Fractions
ACSIMONOS - SOIVE	A03 11 00	INATIACTIONS -	Add Subtract Fuctions
problems involving	Australian	Adding &	1
problems involving addition and subtraction of fractions using	Australian	Adding &	
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned	Adding &	1
problems involving addition and subtraction of fractions using	Australian Curriculum Aligned AUS Yr 06	Adding &	1 Add: Common
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian	Adding &	1 Add: Common
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned	Adding &	1 Add: Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06	Adding &	Add: Common Denominator  Subtract: Common
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06 Australian	Adding &	Add: Common Denominator  Subtract: Common
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned	Adding &	Add: Common Denominator  Subtract: Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian	Adding &	Add: Common Denominator  Subtract: Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned AUS Yr 06	Adding &	Add: Common Denominator  Subtract: Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common Denominator  Subtract: No Common
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common Denominator  Subtract: No Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common Denominator  Subtract: No Common Denominator  Add Like Mixed
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common Denominator  Subtract: No Common Denominator
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common Denominator  Subtract: No Common Denominator  Add Like Mixed Numbers
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common Denominator  Subtract: No Common Denominator  Add Like Mixed Numbers  Add Unlike Mixed
problems involving addition and subtraction of fractions using knowledge of equivalent	Australian Curriculum Aligned AUS Yr 06 Australian Curriculum Aligned	Adding &	Add: Common Denominator  Subtract: Common Denominator  Common Denominator  One Take Fraction  Add: No Common Denominator  Subtract: No Common Denominator  Add Like Mixed Numbers

	ALICY 00		
	AUS Yr 06		Subtract Unlike Mixed
	Australian		Numbers
	Curriculum Aligned		
	AUS Yr 06		Mixed Numerals
	Australian		
	Curriculum Aligned		
AC9M6N06 - multiply and	AUS Yr 06	NA Decimals -	Multiply Decimals: 10,
divide decimals by	Australian	Multiplying &	100, 1000
multiples of powers of 10	Curriculum Aligned	Dividing	
without a calculator,	AUS Yr 06		Divide Decimals: 10,
applying knowledge of	Australian		100, 1000
place value and	Curriculum Aligned		
proficiency with	AUS Yr 06		Multiply Decimals and
multiplication facts, using	Australian		Powers of 10
estimation and rounding to	Curriculum Aligned		
check the reasonableness	AUS Yr 06		Divide Decimals by
of answers	Australian		Powers of 10 100
	Curriculum Aligned		1000
AC9M6N07 - solve	AUS Yr 06	NA Fractions -	Unit Fractions
problems that require	Australian	Find Fraction of	
finding a familiar fraction,	Curriculum Aligned		
decimal or percentage of a	AUS Yr 06		Fraction Fruit Sets 1
quantity, including	Australian		
percentage discounts,	Curriculum Aligned		
choosing efficient	AUS Yr 06		Fraction Wall Labelling
calculation strategies and	Australian		1
using digital tools where	Curriculum Aligned		
appropriate	AUS Yr 06		Fraction Wall Labelling
	Australian		2
	Curriculum Aligned		
	AUS Yr 06	NA Fractions,	Modelling Percentages
	Australian	Decimals &	
	Curriculum Aligned	Percentages	
	AUS Yr 06	j	Percentages to
	Australian		Fractions (with and
	Curriculum Aligned		without simplification)
	AUS Yr 06		Percents to Fractions
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Percentages to
	Australian		Decimals
	Curriculum Aligned		
	AUS Yr 06		Fractions to
	Australian		Percentages (Non-
	Curriculum Aligned		Calculator)
	AUS Yr 06		Decimals to
	Australian		Percentages
	Curriculum Aligned		. 5.001114900
	AUS Yr 06		Percents and Decimals
	Australian		r creents and Decimals
	Curriculum Aligned		
	AUS Yr 06		Match Decimals and
	Australian		Percentages
			i ercentuges
	Curriculum Aligned		

	ALICY OC	NIA NA 0	
	AUS Yr 06	NA Money &	Calculating
	Australian	Finance	Percentages (Mental)
	Curriculum Aligned		
	AUS Yr 06		Percent of a Number
	Australian		(Mental)
	Curriculum Aligned		
	AUS Yr 07	NA Fractions	Fractions of a
	Australian	(Fraction Of,	Collection
	Curriculum Aligned	Multiply)	
	AUS Yr 07		Fraction of an Amount
	Australian		
	Curriculum Aligned		
	AUS Yr 07	NA Percentage	Percentage of an
	Australian	calculations	amount using fractions
	Curriculum Aligned		(<100%)
	AUS Yr 07		Percentage of an
	Australian		amount using decimals
	Curriculum Aligned		(calculator)
AC9M6N08 - approximate	N/A	Teacher	Teacher directed
numerical solutions to		directed	
problems involving			
rational numbers and			
percentages, including			
financial contexts, using			
appropriate estimation			
strategies			
AC9M6N09 - use	N/A	Teacher	Teacher directed
mathematical modelling to		directed	
solve practical problems,			
involving rational numbers			
and percentages, including			
in financial contexts;			
formulate the problems,			
choosing operations and			
efficient calculation			
strategies, and using			
digital tools where			
appropriate; interpret and			
communicate solutions in			
terms of the situation,			
justifying the choices			
made			
made			

# Algebra

# Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M6A01 - recognise	AUS AC Year 06	Number	Continuing and
and use rules that		sequences	creating number
generate visually growing			sequences
patterns and number	AUS AC Year 06	Number	Number patterns -
patterns involving rational		patterns-	addition and
numbers		addition and	subtraction
		subtraction	
AC9M6A02 - find	AUS AC Year 06	Order of	Order of operations -
unknown values in		operations	no grouping symbols
numerical equations	AUS AC Year 06		Order of operations
involving brackets and			using grouping
combinations of arithmetic			symbols
operations, using the			
properties of numbers and			
operations			
AC9M6A03 - create and	N/A	Teacher	Teacher directed
use algorithms involving a		directed	
sequence of steps and			
decisions that use rules to			
generate sets of numbers;			
identify, interpret and			
explain emerging patterns			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M6A01 - recognise	AUS Yr 06	NA Patterns &	Pick the Next Number
and use rules that	Australian	Algebra	
generate visually growing	Curriculum Aligned		
patterns and number	AUS Yr 06		Number Sequences Up
patterns involving rational	Australian		to 1 Million
numbers	Curriculum Aligned		
	AUS Yr 06		Describing Patterns
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Table of Values
	Australian		
	Curriculum Aligned		
AC9M6A02 - find	AUS Yr 06	NA Operations	Order of Operations 1
unknown values in	Australian		(BIDMAS)
numerical equations	Curriculum Aligned		
involving brackets and	AUS Yr 06		Word Problems with
combinations of arithmetic	Australian		Letters
operations, using the	Curriculum Aligned		
properties of numbers and			
operations			

AC9M6A03 - create and	AUS Yr 07	NA Patterns,	Increasing Patterns
use algorithms involving a	Australian	Number Plane,	
sequence of steps and	Curriculum Aligned	Travel Graphs	
decisions that use rules to	AUS Yr 07		Decreasing Patterns
generate sets of numbers;	Australian		
identify, interpret and	Curriculum Aligned		
explain emerging patterns			

### Measurement

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M6M01 - convert	AUS AC Year 06	Connecting decimals	Decimal notation and
between common metric		to the metric system	the metric system
units of length, mass and	AUS AC Year 06		Decimal
capacity; choose and use			representation in
decimal representations of metric measurements	AUS AC Year 06		capacity Decimal
relevant to the context of	AUS AC Year 06		representation in
a problem			mass
·	AUS AC Year 06	Converting units of	Converting metric
		length/capacity/mass	units of length
	AUS AC Year 06		Converting metric
			units of capacity
	AUS AC Year 06		Converting metric
			units of mass
AC9M6M02 - establish	AUS AC Year 05	Perimeter and area	Calculating the area
the formula for the area			of rectangles
of a rectangle and use it			
to solve practical problems			
AC9M6M03 - interpret	AUS AC Year 06	Using timetables	Using timetables
and use timetables and	AOS AC Teal oo	Osing unicubics	Osing timetables
itineraries to plan			
activities and determine			
the duration of events			
and journeys			
AC9M6M04 - identify the	AUS AC Year 06	Angle properties	Adjacent and
relationships between			vertically opposite
angles on a straight line,	ALIC ACX	A	angles
angles at a point and	AUS AC Year 07	Angle relationships	Angles at a point
vertically opposite angles; use these to		and parallel lines	
drigies, use triese to determine unknown			
angles, communicating			
reasoning			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M6M01 - convert	AUS Yr 06	MG	Centimetres and
between common metric	Australian	Measurement -	Metres
units of length, mass and	Curriculum Aligned	Unit	
capacity; choose and use	AUS Yr 06	Conversions	Converting cm and
decimal representations of	Australian		mm
metric measurements	Curriculum Aligned		
relevant to the context of a	AUS Yr 06		Kilometre Conversions
problem	Australian		
	Curriculum Aligned		

	ALICY OC		
	AUS Yr 06		Metres and Kilometres
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Converting Units of
	Australian		Length
	Curriculum Aligned		
	AUS Yr 06		Operations with
	Australian		Length
	Curriculum Aligned		
	AUS Yr 06		Kilogram Conversions
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Grams and Kilograms
	Australian		
	Curriculum Aligned		
	AUS Yr 06		Converting Units of
	Australian		Mass
	Curriculum Aligned		
	AUS Yr 06		Litre Conversions
	Australian		Little Conversions
	Curriculum Aligned		
	AUS Yr 06		Millilitres and Litres
	Australian		Willing es and Lines
	Curriculum Aligned		
	AUS Yr 07	MG Prisms,	Millilitres and Litres
	Australian	Solids, Volume	Willing es and Littles
	Curriculum Aligned	and Capacity	
	AUS Yr 07	una capacity	Capacity Word
	Australian		Problems
	Curriculum Aligned		1 Toblettis
AC9M6M02 - establish the	AUS Yr 05	MG	Area of Shapes
formula for the area of a	Australian	Measurement –	Area or Shapes
rectangle and use it to	Curriculum Aligned	Units	
solve practical problems	AUS Yr 05	Offics	Calculate Area of
solve pructical problems	Australian		
	, tastranari		Squares and
	Curriculum Aligned		Rectangles
	AUS Yr 05		How many Blocks?
	Australian		
	Curriculum Aligned	NC A	A a of Class
	AUS Yr 07	MG Area	Area of Shapes
	Australian		
	Curriculum Aligned		D:
	AUS Yr 07		Biggest Shape
	Australian		
	Curriculum Aligned		
	AUS Yr 07		Equal Areas
	Australian		
	Curriculum Aligned		
AC9M6M03 - interpret and	AUS Yr 06	MG	24 Hour Time
use timetables and	Australian	Measurement –	
itineraries to plan activities	Curriculum Aligned	Time	
and determine the	AUS Yr 06		Using Timetables
duration of events and	Australian		
	Curriculum Aligned		

AC9M6M04 - identify the	AUS Yr 06	MG Angles	Estimating Angles
relationships between	Australian		
angles on a straight line,	Curriculum Aligned		
angles at a point and	AUS Yr 06		Angles of Revolution:
vertically opposite angles;	Australian		Unknown Values
use these to determine	Curriculum Aligned		
unknown angles,	AUS Yr 06		Vertically Opposite
communicating reasoning	Australian		Angles: Unknown
	Curriculum Aligned		Values
	AUS Yr 07	MG Angle	Labelling Angles
	Australian	Relationships	
	Curriculum Aligned		
	AUS Yr 07		Measuring Angles
	Australian		
	Curriculum Aligned		
	AUS Yr 07		Estimating Angles
	Australian		
	Curriculum Aligned		
	AUS Yr 07		Classifying Angles
	Australian		
	Curriculum Aligned		
	AUS Yr 07		Complementary,
	Australian		Supplementary or
	Curriculum Aligned		Neither
	AUS Yr 07		Equal, Complement, or
	Australian		Supplement?
	Curriculum Aligned		
	AUS Yr 07		Vertically Opposite:
	Australian		Value of x
	Curriculum Aligned		
	AUS Yr 07		Angles of Revolution:
	Australian		Value of x
	Curriculum Aligned		
	AUS Yr 07		Angles in a Revolution
	Australian		
	Curriculum Aligned		

# Space

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M6SP01 - compare	N/A	Teacher	Teacher directed
the parallel cross-sections		directed	
of objects and recognise			
their relationships to right			
prisms			
AC9M6SP02 - locate	AUS AC Year 06	The Cartesian	Locating points on the
points in the 4 quadrants		plane	Cartesian plane
of a Cartesian plane;			
describe changes to the			
coordinates when a point			
is moved to a different			
position in the plane			
AC9M6SP03 - recognise	AUS AC Year 06	Rigid	Rigid transformations
and use combinations of		transformations	
transformations to create			
tessellations and other			
geometric patterns, using			
dynamic geometric			
software where			
appropriate			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M6SP01 - compare	AUS Yr 06	MG Objects &	Prisms and Pyramids
the parallel cross-sections	Australian	Shapes	
of objects and recognise	Curriculum Aligned		
their relationships to right			
prisms			
AC9M6SP02 - locate	AUS Yr 06	MG Location &	Transformations
points in the 4 quadrants	Australian	Transformation	
of a Cartesian plane;	Curriculum Aligned		
describe changes to the	AUS Yr 06		Coordinate Graphs: 1st
coordinates when a point	Australian		Quadrant
is moved to a different	Curriculum Aligned		
position in the plane	AUS Yr 06		Coordinate Graphs
	Australian		
	Curriculum Aligned	140.0	
	AUS Yr 07	MG Symmetry	Horizontal and Vertical
	Australian	and	Change
	Curriculum Aligned	Transformation	Turns of some outliness
	AUS Yr 07		Transformations:
	Australian		Coordinate Plane
A COM (CCDO2	Curriculum Aligned	MC Company at a	Datational Coordinate
AC9M6SP03 - recognise	AUS Yr 07	MG Symmetry	Rotations: Coordinate
and use combinations of	Australian	and Transferred	Plane
transformations to create	Curriculum Aligned	Transformation	

tessellations and other		
geometric patterns, using		
dynamic geometric		
software where		
appropriate		

## **Statistics**

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M6ST01 - interpret	AUS AC Year 06	Interpreting/	Two-way tables
and compare data sets for	AUS AC Year 06	representing/	Side-by-side column
ordinal and nominal		comparing data	graphs
categorical, discrete and	AUS AC Year 06		Comparing & selecting
continuous numerical			bivariate data displays
variables using	AUS AC Year 05	Describing and	Describing and
comparative displays or		interpreting	interpreting data sets
visualisations and digital		data sets	
tools; compare distributions in terms of			
mode, range and shape AC9M6ST02 - identify	AUS AC Year 06	Interpreting &	Interpreting &
statistically informed	AUS AC TEUL UU	evaluating &	evaluating secondary
arguments presented in		secondary data	data
traditional and digital		secondary data	data
media; discuss and critique			
methods, data			
representations and			
conclusions			
AC9M6ST03 - plan and	N/A	Teacher	Teacher directed
conduct statistical		directed	
investigations by posing			
and refining questions or			
identifying a problem and			
collecting relevant data;			
analyse and interpret the			
data and communicate			
findings within the context			
of the investigation			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M6ST01 - interpret	AUS Yr 06	SP Data	Column Graphs
and compare data sets for	Australian		
ordinal and nominal	Curriculum Aligned		
categorical, discrete and	AUS Yr 06		Reading from a
continuous numerical	Australian		Column Graph
variables using	Curriculum Aligned		
comparative displays or	AUS Yr 06		Line Graphs:
visualisations and digital	Australian		Interpretation
tools; compare	Curriculum Aligned		
distributions in terms of	AUS Yr 06		Interpreting Tables
mode, range and shape	Australian		
	Curriculum Aligned		

	AUS Yr 07	SP Data	Dot Plots
	Australian	Representation	
	Curriculum Aligned	& Interpretation	
	AUS Yr 07	SP Data	Mode
	Australian	Analysis	
	Curriculum Aligned		
	AUS Yr 07		Data Extremes and
	Australian		Range
	Curriculum Aligned		
AC9M6ST02 - identify	N/A	Teacher	Teacher directed
statistically informed		directed	
arguments presented in			
traditional and digital			
media; discuss and critique			
methods, data			
representations and			
conclusions			
AC9M6ST03 - plan and	N/A	Teacher	Teacher directed
conduct statistical		directed	
investigations by posing			
and refining questions or			
identifying a problem and			
collecting relevant data;			
analyse and interpret the			
data and communicate			
findings within the context			
of the investigation			

# Probability

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M6P01 - recognise	AUS AC Year 06	Probability:	Probability as a
that probabilities lie on		Fraction,	Fraction, Decimal or
numerical scales of 0 – 1		Decimal or	Percent
or 0% – 100% and use		Percent	
estimation to assign	AUS AC Year 05	Probability	Probabilities from 0 to
probabilities that events			1
occur in a given context,			
using common fractions,			
percentages and decimals			
AC9M6P02 -	AUS AC Year 06	Chance	Chance Experiments
conduct repeated chance		Experiments	
experiments and run	AUS AC Year 06	Frequency/	Frequency/ Fairness in
simulations with an		Fairness in	Chance Experiments
increasing number of trials		Chance	
using digital tools;		Experiments	
compare observations			
with expected results and			
discuss the effect on			
variation of increasing the			
number of trials			

Outcome	<b>Existing Course</b>	Topic	Activity
AC9M6P01 - recognise	AUS Yr 06	SP Chance	Introductory
that probabilities lie on	Australian		Probability
numerical scales of 0 – 1	Curriculum Aligned		
or 0% – 100% and use	AUS Yr 06		Find the Probability
estimation to assign	Australian		
probabilities that events	Curriculum Aligned		
occur in a given context,	AUS Yr 06		Fair Games
using common fractions,	Australian		
percentages and decimals	Curriculum Aligned		Cincola Duale de lite
	AUS Yr 06 Australian		Simple Probability
	Curriculum Aligned		
	AUS Yr 07	SP Probability	What are the
	Australian	31 1 Tobubility	Chances?
	Curriculum Aligned		Charlees.
AC9M6P02 -	N/A	Teacher	Teacher directed
conduct repeated chance	·	directed	
experiments and run			
simulations with an			
increasing number of trials			
using digital tools;			
compare observations			
with expected results and			

discuss the effect on		
variation of increasing the		
number of trials		



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