# Mathletics Australian Curriculum

# **Skill Quests**





July, 2022

**Years 1 – 2** 

# **Mathletics**

Australian Curriculum 2022 Skill Quests July, 2022

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# Year 1

### Number

### Skill Quests

Outcome	Existing Course	Quests	Content
AC9M1N01 - recognise,	AUS AC Year 01	Whole number –	Count forwards and
represent and order		counting	backwards to 100
numbers to at least 120	AUS AC Year 01		Find numbers before
using physical			and after to 100
and virtual	AUS AC Year 01	Whole number –	Compare and order
materials, numerals,		place value	numbers to 100
number lines and charts	AUS AC Year 01	Whole number –	Identify ordinal
		counting	numbers up to 31st
AC9M1N02 - partition	AUS AC Year 01	Addition and	Recognise and recall
one- and two-digit		subtraction	bonds to 10
numbers in different	AUS AC Year 01	Whole number -	Identify place value up
ways using physical and		counting	to 2 digits
virtual materials,	AUS AC Year 01	collections	Solve problems using
including partitioning			place value up to 2
two-digit numbers into			digits
tens and ones	AUS AC Year 01		Partition 2-digit
		-	numbers (standard)
	AUS AC Year 01		Partition 2-digit
			numbers (non-
			standard)
	AUS AC Year 01	Whole number –	Model, read, write and
		place value	count 2-digit numbers
AC9M1N03 - quantify	AUS AC Year 01	Whole number -	Skip count by 2s
sets of objects, to at	AUS AC Year 01	skip counting	Skip count by 5s
least 120, by partitioning	AUS AC Year 01		Skip count by 10s
collections into equal	AUS AC Year 01		Skip count by 2s, 5s
groups using number			and 10s
knowledge and skip	AUS AC Year 01	Whole number -	Count collections 0 to
counting		counting	100
	AUS AC Year 01	collections	Use groups of 10 to
			count large collections
	AUS AC Year 01		Solve problems with
			2-digit numbers
			number lines
AC9M1N04 - add and	AUS AC Year 01	Addition and	Model and record
subtract numbers within		subtraction	combinations that
20, using physical and			make 5 – 9
virtual materials, part-	AUS AC Year 01		Model and record
part-whole knowledge			combinations that
to 10 and a variety of			make 11 – 20
calculation strategies	AUS AC Year 01		Add zero to a number
			(up to 20)

	AUS AC Year 01		Introduce the
			commutative property of addition
	AUS AC Year 01		Add doubles up to 20
	AUS AC Year 01		Add addbles up to 20 Add and subtract near
			doubles
	AUS AC Year 01		Find the difference between 2 numbers (to 20)
	AUS AC Year 01		Add compatible numbers (doubles or bonds to 10)
	AUS AC Year 01		Explore equality and inequality up to 10 and 20
AC9M1N05 - use mathematical modelling to solve practical problems involving additive situations, including simple money transactions; represent the situations with diagrams, physical and virtual materials, and use calculation strategies to solve the problem	AUS AC Year 01	Addition and subtraction	Solve addition and subtraction word problems
AC9M1N06 - use mathematical modelling to solve practical problems involving equal sharing and grouping; represent the situations with diagrams, physical and virtual materials, and use calculation strategies to solve the problem	AUS AC Year 02	Multiplication and division	Explore arrays (no x symbol)

Outcome	<b>Existing Course</b>	Торіс	Activity Title
AC9M1N01 - recognise,	AUS Yr 01	NA Whole	Going Up
represent and order	Australian	Numbers	
numbers to at least 120	Curriculum Aligned		
using physical	AUS Yr 01		Going Down
and virtual	Australian		
materials, numerals,	Curriculum Aligned		
number lines and charts	AUS Yr 01		Before, After &
	Australian		Between to 100
	Curriculum Aligned		
	AUS Yr 01		Arranging Numbers
	Australian		
	Curriculum Aligned		

	AUS Yr 01		Number Lines
	Australian		Number Lines
	Curriculum Aligned		
	AUS Yr 01		Matching Numbers to
	Australian		10
	Curriculum Aligned		10
	AUS Yr 01		Matching Numbers to
	Australian		20
	Curriculum Aligned		20
	AUS Yr 01		1st to 31st
	Australian		100 00 0100
	Curriculum Aligned		
	AUS Yr 01	NA Place Value	Greater or Less to 100
	Australian		
	Curriculum Aligned		
AC9M1N02 - partition	AUS Yr 01	NA Place Value	Place Value 1
one- and two-digit	Australian		
numbers in different	Curriculum Aligned		
ways using physical and	AUS Yr 01		1 More, 2 Less
virtual materials,	Australian		
including partitioning	Curriculum Aligned		
two-digit numbers into	AUS Yr 01		1 More, 10 Less
tens and ones	Australian		
	Curriculum Aligned		
	AUS Yr 01		Repartition Two-digit
	Australian		Numbers
	Curriculum Aligned		
	AUS Yr 01		Nearest Ten?
	Australian		
	Curriculum Aligned		
AC9M1N03 - quantify	AUS Yr 01	NA Place Value	Making Numbers
sets of objects, to at	Australian		Count
least 120, by partitioning	Curriculum Aligned		
collections into equal	AUS Yr 01		Making Big Numbers
groups using number	Australian		Count
knowledge and skip counting	Curriculum Aligned		
AC9M1N04 - add and	AUS Yr 01	NA Adding	Model Addition
subtract numbers within	Australian	NA Adding	
20, using physical and	Curriculum Aligned		
virtual materials, part-	AUS Yr 01		Adding to 5
part-whole knowledge	Australian		/ during to 5
to 10 and a variety of	Curriculum Aligned		
calculation strategies	AUS Yr 01		Adding to Ten
	Australian		
	Curriculum Aligned		
	AUS Yr 01		Commutative Property
	Australian		of Addition
	Curriculum Aligned		
	AUS Yr 01		Addictive Addition
	Australian		
	Curriculum Aligned		

	AUS Yr 01		Add 3 Numbers Using
	Australian		Bonds to 10
	Curriculum Aligned		
	AUS Yr 01		Add 3 Single Digit Numbers
	Australian		Numbers
	Curriculum Aligned		
	AUS Yr 01		Doubles and Near
	Australian		Doubles
	Curriculum Aligned		
	AUS Yr 01	NA Subtracting	Model Subtraction
	Australian		
	Curriculum Aligned		
	AUS Yr 01		Subtracting From 5
	Australian		
	Curriculum Aligned		
	AUS Yr 01		Subtracting from Ten
	Australian		
	Curriculum Aligned		
	AUS Yr 01		Subtracting from 20
	Australian		
	Curriculum Aligned		
	AUS Yr 01		Simple Subtraction
	Australian		
	Curriculum Aligned		
	AUS Yr 01	NA Combining	All about Ten
	Australian	Adding and	
	Curriculum Aligned	Subtracting	
	AUS Yr 01		All about Twenty
	Australian		
	Curriculum Aligned		
	AUS Yr 01		Fact Families: Add and
	Australian		Subtract
	Curriculum Aligned		
	AUS Yr 01		Doubles and Halves to
	Australian		10
	Curriculum Aligned		
	AUS Yr 01		Doubles and Halves to
	Australian		20
	Curriculum Aligned		
AC9M1N05 - use	AUS Yr 01	NA Subtracting	How much Change?
mathematical modelling	Australian		
to solve practical	Curriculum Aligned		
problems involving	AUS Yr 01	NA Combining	Adding to 10 Word
additive situations,	Australian	Adding and	Problems
including simple money	Curriculum Aligned	Subtracting	
transactions; represent	AUS Yr 01		Add and Subtract
the situations with	Australian		Problems
diagrams, physical and	Curriculum Aligned		
virtual materials, and use	AUS Yr 01		Related Facts 1
calculation strategies to	Australian		
solve the problem	Curriculum Aligned		
	AUS Yr 01		Problems: Addition
	Australian		and Subtraction
	Curriculum Aligned		

AC9M1N06 - use	AUS Yr 01	NA Sharing	Share the Treasure
mathematical modelling	Australian		
to solve practical	Curriculum Aligned		
problems involving equal	AUS Yr 01		Divide Into Equal
sharing and grouping;	Australian		Groups
represent the situations	Curriculum Aligned		
with diagrams, physical	AUS Yr 01		Fill the Jars
and virtual materials,	Australian		
and use calculation	Curriculum Aligned		
strategies to solve the			
problem			

# Algebra

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M1A01 - recognise,	AUS AC Year 01	Patterns and	Relate number and
continue and create		algebra	object patterns
pattern sequences, with	AUS AC Year 01		Explore number
numbers, symbols,			patterns (1, 2, 5, 10)
shapes and objects,	AUS AC Year 01		Additive and
formed by skip counting,			subtractive patterns
initially by twos, fives			(within 5)
and tens			
AC9M1A02 - recognise,	AUS AC Year 01	Patterns and	Explore repeating
continue and create		algebra	numeric patterns
repeating patterns with	AUS AC Year 01		Explore repeating
numbers, symbols,			patterns with objects
shapes and objects,			
identifying the repeating			
unit			

Outcome	<b>Existing Course</b>	Торіс	Activity Title
AC9M1A01 - recognise,	AUS Yr 01	NA Patterns	Number Line Order
continue and create	Australian		
pattern sequences, with	Curriculum Aligned		
numbers, symbols,	AUS Yr 01		Count by 2s, 5s and
shapes and objects,	Australian		10s
formed by skip counting,	Curriculum Aligned		
initially by twos, fives	AUS Yr 01		Counting on a 100 grid
and tens	Australian		
	Curriculum Aligned		
AC9M1A02 - recognise,	AUS Yr 01	NA Patterns	Simple Patterns
continue and create	Australian		
repeating patterns with	Curriculum Aligned		
numbers, symbols,	AUS Yr 01		Missing it!
shapes and objects,	Australian		
identifying the repeating	Curriculum Aligned		
unit	AUS Yr 01		Colour Patterns
	Australian		
	Curriculum Aligned		
	AUS Yr 01		Pattern Error
	Australian		
	Curriculum Aligned		

### Measurement

### Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M1M01 - compare directly and indirectly	AUS AC Year 01	Volume and	Explore volume and capacity using
and order objects and		capacity	informal units
events using attributes	AUS AC Year 01		Explore volume and
of length, mass, capacity			capacity using
and duration, communicating			informal units
reasoning			
AC9M1M02 - measure	AUS AC Year 01	Length	Explore informal units
the length of shapes and objects using informal			of length and distance
units, recognising that			
units need to be uniform			
and used end-to-end			
AC9M1M03 - describe	N/A	Teacher directed	Teacher directed
the duration and			
sequence of events using			
years, months, weeks,			
days and hours			

Outcome	<b>Existing Course</b>	Торіс	Activity Name
AC9M1M01 - compare	AUS Yr 01	MG Measuring	Everyday Length
directly and indirectly	Australian		
and order objects and	Curriculum Aligned		
events using attributes	AUS Yr 01		Comparing Length
of length, mass, capacity	Australian		
and duration,	Curriculum Aligned		
communicating	AUS Yr 01		Filling Fast!
reasoning	Australian		
	Curriculum Aligned		
	AUS Yr 01		Comparing Volume
	Australian		
	Curriculum Aligned		
AC9M1M02 - measure	AUS Yr 01	MG Measuring	Measuring length with
the length of shapes and	Australian		blocks
objects using informal	Curriculum Aligned		
units, recognising that	AUS Yr 01		Compare Length
units need to be uniform	Australian		
and used end-to-end	Curriculum Aligned		
AC9M1M03 - describe	AUS Yr 01	MG Time	Days of the Week
the duration and	Australian		
sequence of events using	Curriculum Aligned		
years, months, weeks,	AUS Yr 01		Days: After and Before
days and hours	Australian		
	Curriculum Aligned		

AUS Yr 01	Tomorrow and
Australian	Yesterday (without
Curriculum Aligned	scaffold)
AUS Yr 01	Months of the Year
Australian	
Curriculum Aligned	
AUS Yr 01	Months After and
Australian	Before
Curriculum Aligned	

# Space

### Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M1SP01 - make,	AUS AC Year 01	Two-dimensional	Sort quadrilaterals
compare and classify		shapes	from other 2D shapes
familiar shapes;			
recognise familiar			
shapes and objects in			
the environment,			
identifying the			
similarities and			
differences between			
them			
AC9M1SP02 - give and	AUS AC Year 01	Position	Position using left,
follow directions to move			right and ordinal
people and objects to			numbers
different locations within			
a space			

Outcome	Existing Course	Торіс	Activity Name
AC9M1SP01 - make,	AUS Yr 01	MG Objects and	Match the Solid 1
compare and classify	Australian	Shapes	
familiar shapes;	Curriculum Aligned		
recognise familiar	AUS Yr 01		Collect Simple Shapes
shapes and objects in	Australian		
the environment,	Curriculum Aligned		
identifying the			
similarities and			
differences between			
them			
AC9M1SP02 - give and	AUS Yr 01	MG Location	Where is it?
follow directions to move	Australian		
people and objects to	Curriculum Aligned		
different locations within	AUS Yr 01		Left or Right?
a space	Australian		
	Curriculum Aligned		

## Statistics

### Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M1ST01 - acquire	AUS AC Year 01	Gathering data	Ask suitable questions
and record data for			for data collection
categorical variables in	AUS AC Year 01		Complete tally charts
various ways including			
using digital tools,			
objects, images,			
drawings, lists, tally			
marks and symbols			
AC9M1ST02 - represent	AUS AC Year 01	Representing	Represent data in a
collected data for a		data	simple display
categorical variable	AUS AC Year 01		Read simple data
using one-to-one			displays using objects
displays and digital tools			
where appropriate;			
compare the data using			
frequencies and discuss			
the findings			

Outcome	Existing Course	Торіс	Activity Name
AC9M1ST01 - acquire	N/A	Teacher directed	Teacher directed
and record data for			
categorical variables in			
various ways including			
using digital tools,			
objects, images,			
drawings, lists, tally			
marks and symbols			
AC9M1ST02 - represent	AUS Yr 01	SP Data	Read Graphs
collected data for a	Australian		
categorical variable	Curriculum Aligned		
using one-to-one	AUS Yr 01		Picture Graphs: Who
displays and digital tools	Australian		has the Goods?
where appropriate;	Curriculum Aligned		
compare the data using	AUS Yr 01		Picture Graphs: More
frequencies and discuss	Australian		or Less
the findings	Curriculum Aligned		

# Year 2

### Number

### Skill Quests

Outcome	Existing Course	Quests	Content
AC9M2N01 - recognise,	AUS AC Year 02	Whole number –	Count in ones up to
represent and order		counting	1000
numbers to at least 1000 using physical and	AUS AC Year 02		Identify numbers before and after up to
virtual materials,			1000
numerals and number	AUS AC Year 02	Whole number –	Count in tens with
lines		sequences	2- and 3-digit numbers
	AUS AC Year 02		Find numbers 10
			before and 10 after, up
			to 1000
	AUS AC Year 02	Whole number –	Read and represent
		place value	3-digit numbers
	AUS AC Year 02		Compare and order numbers to 1000
AC9M2N02 - partition,	AUS AC Year 02	Whole number –	Identify place value in
rearrange, regroup and		partition and	3-digit numbers
rename two- and three-	AUS AC Year 02	group	Count in hundreds,
digit numbers using			tens and ones
standard and non-	AUS AC Year 02		Partition 3-digit
standard groupings;		-	numbers (standard)
recognise the role of a zero digit in place value	AUS AC Year 02		Partition 3-digit
notation			numbers (non- standard)
notation	AUS AC Year 02	-	Round numbers up to
			1000 to the nearest
			100
AC9M2N03 - recognise	AUS AC Year 01	Fractions and	Find half of a set or
and describe one-half as		decimals	quantity (no symbols)
one of 2 equal parts of a	AUS AC Year 02		Find quarters of sets or
whole and connect halves, quarters and	AUS AC Year 02	-	shapes (no symbols) Find halves and
eighths through	AUS AC TEULUZ		quarters (no symbols)
repeated halving	AUS AC Year 02	-	Find eighths of objects
			or shapes
	AUS AC Year 02		Find halves, quarters
			and eighths of shapes
AC9M2N04 - add and	AUS AC Year 01	Addition and	Add and subtract by
subtract one- and two-		subtraction	counting on/back up to
digit numbers,	AUS AC Year 01		100
representing problems using number sentences	AUS AC YEAR UI		Add and subtract using bridging to 10 up
and solve using part-			to 100
part-whole reasoning	AUS AC Year 01		Add using place value
Ĵ			up to 100

and a variety of	AUS AC Year 02	Addition and subtraction	Use mental strategies
calculation strategies		strategies	to add and subtract (to 100)
	AUS AC Year 02	strutegies	Add and subtract tens
	AUS AC TEULUZ		from a 2-digit number
	AUS AC Year 02		Introduce place value
			to add and subtract (to
			200)
	AUS AC Year 02		Use place value to add
			and subtract (to 200)
	AUS AC Year 02		Use place value (no
			models) to add and
			subtract
	AUS AC Year 02		Use place value to add
		-	(crossing a 10)
	AUS AC Year 02		Subtract using
		-	addition
	AUS AC Year 02		Add and subtract
			using rounding and
	AUS AC Year 02	Mult/div madala	compensating
AC9M2N05 - multiply and divide by one-digit	AUS AC YEAR UZ	Mult/div – models, repeated addition	Use repeated addition to multiply
numbers using repeated	AUS AC Year 02		Explore arrays (no x
addition, equal grouping,			symbol)
arrays and partitioning	AUS AC Year 02		Use the commutative
to support a variety of			property of
calculation strategies			multiplication
	AUS AC Year 02	Mult-div – equal	Divide by sharing and
		groups	grouping
	AUS AC Year 02		Use repeated
			subtraction to divide
AC9M2N06 - use	AUS AC Year 02	Addition and	Solve word problems
mathematical modelling		subtraction	with start or change
to solve practical		strategies	unknown
problems involving additive and	AUS AC Year 02	Patterns and	Write simple number
multiplicative situations,	AUS AC Year 02	algebra Mult-div – equal	sentences Solve simple
including money	AUS AC TEULUZ	groups	multiplication
transactions; represent		9.0005	problems (2,5,10x)
situations and choose	AUS AC Year 01	Patterns and	Additive and
calculation strategies;		algebra	subtractive patterns
interpret and			(within 5)
communicate solutions			
in terms of the situation			

Outcome	Existing Course	Торіс	Activity Name
AC9M2N01 - recognise,	AUS Yr 01	NA Whole	Compare Numbers to
represent and order	Australian	Numbers	20
numbers to at least 1000	Curriculum Aligned		
using physical and	AUS Yr 01		Compare Numbers to
virtual materials,	Australian		50
	Curriculum Aligned		

			Compare Numbers to
numerals and number	AUS Yr 01		Compare Numbers to
lines	Australian		100
	Curriculum Aligned		Multish is Discuss?
		NA Place Value	Which is Bigger?
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Which is Smaller?
	Australian		
	Curriculum Aligned		
	AUS Yr 03		Place Value 2
	Australian		
	Curriculum Aligned		
	AUS Yr 03	NA Comparing &	Compare Numbers to
	Australian	Rounding	20
	Curriculum Aligned	Numbers	
	AUS Yr 03		Compare Numbers to
	Australian		50
	Curriculum Aligned		
	AUS Yr 03		Compare Numbers to
	Australian		100
	Curriculum Aligned		
AC9M2N02 - partition,	AUS Yr 02	NA Place Value	Model Numbers
rearrange, regroup and	Australian		
rename two- and three-	Curriculum Aligned		
digit numbers using	AUS Yr 02		Place value 2
standard and non-	Australian		
standard groupings;	Curriculum Aligned		
recognise the role of a	AUS Yr 02		Place Value
zero digit in place value	Australian		Partitioning
notation	Curriculum Aligned		
	AUS Yr 02		Partition and rename 1
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Nearest Ten?
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Nearest Hundred?
	Australian		
	Curriculum Aligned		
AC9M2N03 - recognise	AUS Yr 02	NA Fractions	Halves
and describe one-half as	Australian		
one of 2 equal parts of a	Curriculum Aligned		
whole and connect	AUS Yr 02		Is it Half?
halves, quarters and	Australian		
eighths through	Curriculum Aligned		
repeated halving	AUS Yr 02		Halves and Quarters
	Australian		
	Curriculum Aligned		
AC9M2N04 - add and	AUS Yr 02	NA Adding and	All about Twenty
subtract one- and two-	Australian	Subtracting	
digit numbers,	Curriculum Aligned		
representing problems	AUS Yr 02		Subtract Tens
using number sentences	Australian		
and solve using part-	Curriculum Aligned		

part-whole reasoning	AUS Yr 02		Adding to 2-digit
and a variety of	Australian		numbers
calculation strategies	Curriculum Aligned		
	AUS Yr 02		Magic Mental Addition
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Magic Mental
	Australian		Subtraction
	Curriculum Aligned		Custiculien
	AUS Yr 02		Repartition to Subtract
	Australian		Reputation to Subtract
	Curriculum Aligned		
	AUS Yr 02	NA Connecting	Balance Numbers to
	Australian	Adding and	10
	Curriculum Aligned	Subtracting	10
	AUS Yr 02	Custicuting	Balance Numbers to
	Australian		20
	Curriculum Aligned		20
	AUS Yr 02		Partition Puzzles 1
	Australian		
	Curriculum Aligned		
AC9M2N05 - multiply	AUS Yr 02	NA Multiplying	Grouping in Twos
and divide by one-digit	Australian	i waangiying	Clouping in 1905
numbers using repeated	Curriculum Aligned		
addition, equal grouping,	AUS Yr 02		Grouping in Fives
arrays and partitioning	Australian		ereaping in thee
to support a variety of	Curriculum Aligned		
calculation strategies	AUS Yr 02		Grouping in Tens
5	Australian		e. epg ee
	Curriculum Aligned		
	AUS Yr 02		Grouping in Threes
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Grouping in Fours
	Australian		1 3
	Curriculum Aligned		
	AUS Yr 02		Multiplication Arrays
	Australian		1
	Curriculum Aligned		
	AUS Yr 02	NA Dividing	Groups
	Australian	5	
	Curriculum Aligned		
	AUS Yr 02		Divide Into Equal
	Australian		Groups
	Curriculum Aligned		
	AUS Yr 02		Dividing Twos
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Dividing Fives
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Dividing Tens
	Australian		
	Curriculum Aligned		

	AUS Yr 02 Australian Curriculum Aligned		Dividing Threes
	AUS Yr 02 Australian Curriculum Aligned		Dividing Fours
AC9M2N06 - use mathematical modelling to solve practical	AUS Yr 02 Australian Curriculum Aligned	NA Adding and Subtracting	Problems: Addition and Subtraction
problems involving additive and multiplicative situations,	AUS Yr 02 Australian Curriculum Aligned		Bar Model Problems 1
including money transactions; represent situations and choose	AUS Yr 02 Australian Curriculum Aligned		Bar Model Problems 2
calculation strategies; interpret and communicate solutions in terms of the situation	AUS Yr 02 Australian Curriculum Aligned	NA Money	Skip Counting with Coins

# Algebra

## Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M2A01 - recognise, describe and create	AUS AC Year 02	Whole number – sequences	Identify, describe and continue number
additive patterns that		sequences	sequences
increase or decrease by a constant amount,	AUS AC Year 02	Patterns	Number patterns (1, 2, 5, 10, 25 up to 100)
using numbers, shapes and objects, and identify missing elements in the pattern	AUS AC Year 02		Add or subtract patterns (within 10) up to 100
AC9M2A02 - recall and demonstrate proficiency with addition facts to 20; extend and apply facts to develop related subtraction facts	AUS AC Year 02	Addition and subtraction relationship	Find fact families for addition and subtraction
AC9M2A03 - recall and demonstrate proficiency with multiplication facts for twos; extend and apply facts to develop the related division facts using doubling and halving	AUS AC Year 03	Multiplication & division facts	Multiplication/division facts for 2

Outcome	Existing Course	Торіс	Activity Name
AC9M2A01 - recognise,	AUS Yr 02	NA Patterns and	Count by Twos
describe and create	Australian	Algebra	
additive patterns that	Curriculum Aligned		
increase or decrease by	AUS Yr 02		Counting by Twos
a constant amount,	Australian		
using numbers, shapes	Curriculum Aligned		
and objects, and identify	AUS Yr 02		Count by Fives
missing elements in the	Australian		
pattern	Curriculum Aligned		
	AUS Yr 02		Counting by Fives
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Count by Tens
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Counting by Tens
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Count by 2s, 5s and
	Australian		10s
	Curriculum Aligned		

	AUS Yr 02		Counting on a 100 grid
	Australian		
	Curriculum Aligned		
AC9M2A02 - recall and	AUS Yr 02	NA Adding and	Addictive Addition
demonstrate proficiency	Australian	Subtracting	
with addition facts to 20;	Curriculum Aligned		
extend and apply facts	AUS Yr 02		Simple Subtraction
to develop related	Australian		
subtraction facts	Curriculum Aligned		
	AUS Yr 02		Commutative Property
	Australian		of Addition
	Curriculum Aligned		
	AUS Yr 02	NA Connecting	Fact Families: Add and
	Australian	Adding and	Subtract
	Curriculum Aligned	Subtracting	
	AUS Yr 02		Related Facts 1
	Australian		
	Curriculum Aligned		
AC9M2A03 - recall and	N/A	Teacher directed	Teacher directed
demonstrate proficiency			
with multiplication facts			
for twos; extend and			
apply facts to develop			
the related division facts			
using doubling and			
halving			

### Measurement

### Skill Quests

Outcome	Existing Course	Quests	Content
AC9M2M01 - measure and compare objects based on length,	AUS AC Year 02	Length	Compare and order lengths using informal units
capacity and mass using appropriate uniform	AUS AC Year 02	Volume and capacity	Compare and order volume using blocks
informal units and smaller units for accuracy when	AUS AC Year 02		Compare and order volume using displacement
necessary	AUS AC Year 02	Mass	Compare and order mass using informal units
AC9M2M02 - identify common uses and represent halves, quarters and eighths in relation to shapes, objects and events	N/A	Teacher directed	Teacher directed
AC9M2M03 - identify the date and determine the	AUS AC Year 02	Time – months and seasons	Months of the year
number of days between events using calendars	AUS AC Year 02	Time - using a calendar	Use a calendar to identify the date
	AUS AC Year 02		Use calendars to solve simple problems
AC9M2M04 - recognise and read the time represented on an	AUS AC Year 01	Time – telling the time	Tell time to the hour and half hour (analogue)
analog clock to the hour, half-hour and quarter-	AUS AC Year 01		Tell time to the hour and half hour (digital)
hour	AUS AC Year 01		Tell time to the half and quarter hour
AC9M2M05 - identify, describe and demonstrate quarter, half, three-quarter and full measures of turn in everyday situations	AUS AC Year 02	Turns of shapes	Turns of shapes

Outcome	Existing Course	Торіс	Activity Name
AC9M2M01 - measure	AUS Yr 02	MG Measuring	Measuring Length with
and compare objects	Australian		Blocks
based on length,	Curriculum Aligned		
capacity and mass using	AUS Yr 02		Compare Length
appropriate uniform	Australian		
informal units and	Curriculum Aligned		
smaller units for	AUS Yr 02		How Full?
accuracy when	Australian		
necessary	Curriculum Aligned		

	AUS Yr 02		Filling Fast!
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Balancing Act
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Everyday Mass
	Australian		, ,
	Curriculum Aligned		
AC9M2M02 - identify	N/A	Teacher directed	Teacher directed
common uses and			
represent halves,			
quarters and eighths in			
-			
relation to shapes,			
objects and events			
AC9M2M03 - identify the	AUS Yr 02	MG Time	Months of the Year
date and determine the	Australian		
number of days between	Curriculum Aligned		
events using calendars	AUS Yr 02		Months After and
	Australian		Before
	Curriculum Aligned		
	AUS Yr 02		Using a Calendar
	Australian		_
	Curriculum Aligned		
AC9M2M04 - recognise	AUS Yr 02	MG Time	Set Time to the Hour
and read the time	Australian		
represented on an	Curriculum Aligned		
analog clock to the hour,	AUS Yr 02		Hour Times
half-hour and quarter-	Australian		
hour	Curriculum Aligned		
	AUS Yr 02		Tell Time to the Hour
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Set Time to the Half
	Australian		Hour
	Curriculum Aligned		Light Law T
	AUS Yr 02		Half Hour Times
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Tell Time to the Half
	Australian		Hour
	Curriculum Aligned		
AC9M2M05 - identify,	N/A	Teacher directed	Teacher directed
describe and			
demonstrate quarter,			
half, three-quarter and			
full measures of turn in			
everyday situations			

# Space

## Skill Quests

Outcome	Existing Course	Quests	Content
AC9M2SP01 - recognise,	AUS AC Year 01	Two-dimensional	Identify, sort and name
compare and classify		shapes	octagons
shapes, referencing the	AUS AC Year 01		Identify, sort and name
number of sides and			pentagons
using spatial terms such	AUS AC Year 01		Identify, sort and name
as "opposite", "parallel",			hexagons
"curved" and "straight"	AUS AC Year 01		Identify and name
			simple 2D shapes
	AUS AC Year 01		Compare, describe and
			sort simple 2D shapes
	AUS AC Year 01		Identify vertical and
			horizontal lines
	AUS AC Year 01		Identify parallel lines
	AUS AC Year 01		Represent and
			describe regular
			polygons
	AUS AC Year 01	Three-	Explore surfaces and
		dimensional	faces
	AUS AC Year 01	objects	Recognise and
			describe spheres
	AUS AC Year 01		Recognise and
			describe cones
	AUS AC Year 01		Recognise and
			describe cubes
	AUS AC Year 01		Recognise and
			describe cylinders
	AUS AC Year 01		Recognise, sort and
			name 3D objects
	AUS AC Year 01		Recognise and
			describe prisms (no
		-	formal names)
	AUS AC Year 02		Compare 2D shapes
		-	and 3D objects
	AUS AC Year 02		Identify faces, edges
			and vertices on 3D
			objects
	AUS AC Year 02		Faces, edges, vertices
			and surfaces of 3D
		Deading	objects
AC9M2SP02 - locate	AUS AC Year 02	Reading maps	Read simple maps
positions in two- dimensional			
representations of a			
familiar space; move			
positions by following			
directions and pathways			
anections and pathways			

Outcome	Existing Course	Торіс	Activity Name
AC9M2SP01 - recognise,	AUS Yr 01	MG Objects and	Collect the Polygons
compare and classify	Australian	Shapes	
shapes, referencing the	Curriculum Aligned		
number of sides and	AUS Yr 01		Count Sides and
using spatial terms such	Australian		Corners
as "opposite", "parallel",	Curriculum Aligned		
"curved" and "straight"	AUS Yr 02		Collect More Shapes
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Faces, Edges, and
	Australian		Vertices 1
	Curriculum Aligned		
	AUS Yr 02		Relate Shapes and
	Australian		Solids
	Curriculum Aligned		
	AUS Yr 02		How many Faces?
	Australian		
	Curriculum Aligned		
	AUS Yr 02		How many Edges?
	Australian		
	Curriculum Aligned		
	AUS Yr 02		How many Vertices?
	Australian		
	Curriculum Aligned		
	AUS Yr 02		Faces, Edges and
	Australian		Vertices
	Curriculum Aligned		
AC9M2SP02 - locate	N/A	Teacher directed	Teacher directed
positions in two-			
dimensional			
representations of a			
familiar space; move			
positions by following			
directions and pathways			

### Statistics

### Skill Quests

Outcome	<b>Existing Course</b>	Quests	Content
AC9M2ST01 - acquire data for categorical variables through surveys, observation, experiment and using digital tools; sort data into relevant categories and display data using lists and tables	AUS AC Year 02	Gathering data	Answer questions related to simple data displays
AC9M2ST02 - create different graphical	AUS AC Year 02	Creating displays of data	Read and interpret simple picture graphs
representations of data using software where	AUS AC Year 02		Represent and read data in tables or lists
appropriate; compare the different representations, identify and describe common and distinctive features in response to questions	AUS AC Year 02		Use a tally chart, table, picture graph

Outcome	Existing Course	Торіс	Activity Name
AC9M2ST01 - acquire	AUS Yr 02	SP Data	Tallies
data for categorical	Australian		
variables through	Curriculum Aligned		
surveys, observation,	AUS Yr 02		Sorting Data
experiment and using	Australian		
digital tools; sort data	Curriculum Aligned		
into relevant categories			
and display data using			
lists and tables			
AC9M2ST02 - create	AUS Yr 02	SP Data	Picture Graphs: More
different graphical	Australian		or Less
representations of data	Curriculum Aligned		
using software where	AUS Yr 02		Picture Graphs: single-
appropriate; compare	Australian		unit scale
the different	Curriculum Aligned		
representations, identify			
and describe common			
and distinctive features			
in response to questions			



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