# Syllabus comparison chart Australian Capital Territory | Year 1



	Year 1 Australian Curriculum v8.4		Year 1 Australian Curriculum v9		Activities (Courses): Skill Quests Topics		
Strand	Content Descriptions	Code	Strand	Outcomes	Code	Australian C	Curriculum v9 Yr 01
	develop confidence with number sequences to and from 100 by ones from any starting point. Skip count by twos, fives and tens starting from zero recognise, model, read, write and order numbers to at least 100. Locate these numbers on a	ACMNA012		recognise, represent and order numbers to at least 120 using physical and virtual materials, numerals, number lines and charts	AC9M1N01	Recognise, represent & order numbers	Count numbers to 120 Read & write numbers to 100 Compare & order numbers to 100 Read, write & order numbers to 200 Identify ordinal numbers to 31st
	number line			partition one– and two–digit numbers in different ways using physical and virtual materials, including partitioning two–digit numbers into tens and ones	AC9M1N02	Place value to 2 digits	Recognise & recall bonds to 10 Place value of 2-digit numbers Partition 2-digit numbers
	count collections to 100 by partitioning numbers using place value	ACMNA014		quantify sets of objects, to at least 120, by partitioning collections into equal groups using number knowledge and skip counting	AC9M1N03	Count in groups	Skip counting Count collections Count money
Number	represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts	ACMNA015	Number	add and subtract numbers within 20, using physical and virtual materials, part-part-whole knowledge to 10 and a variety of calculation strategies	AC9M1N04	Add & subtract within 20	Combinations that add up to 20 Addition & subtraction strategies Explore equality & inequality
				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	AC9M1N05	Add & subtract problems within 20	Add & subtract practical problems
				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	AC9M1N06	Multiply & divide by grouping	Explore arrays & repeated addition Equal sharing & grouping
	recognise and describe one-half as one of two equal parts of a whole	ACMNA016					
	recognise, describe and order Australian coins according to their value	ACMNA017					
	develop confidence with number sequences to and from 100 by ones from any starting point. Skip count by twos, fives and tens starting from zero	ACMNA018		recognise, continue and create pattern sequences, with numbers, symbols, shapes and objects, formed by skip counting, initially by twos, fives and tens	AC9M1A01	Skip Counting Patterns	Pattern sequences
Algebra	investigate and describe number patterns formed by skip-counting and patterns with objects	ACMNA018		iens			
	investigate and describe number patterns formed by skip-counting and patterns with objects	ACMNA017	Algebra	recognise, continue and create repeating patterns with numbers, symbols, shapes and objects, identifying the repeating unit	AC9M1A02	Patterns	Repeating patterns

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	develop confidence with number sequences to and from 100 by ones from any starting point. Skip count by twos, fives and tens starting from zero recognise, model, read, write and order numbers to at least 100. Locate these numbers on a	ACMNA012		recognise, represent and order numbers to at least 120 using physical and virtual materials, numerals, number lines and charts	AC9M1N01	Recognise, represent & order numbers	Count numbers to 120 Read & write numbers to 100 Compare & order numbers to 100 Read, write & order numbers to 200 Identify ordinal numbers to 31st
	number line			partition one– and two–digit numbers in different ways using physical and virtual materials, including partitioning two–digit numbers into tens and ones	AC9M1N02	Place value to 2 digits	Recognise & recall bonds to 10 Place value of 2-digit numbers Partition 2-digit numbers
	count collections to 100 by partitioning numbers using place value	ACMNA014		quantify sets of objects, to at least 120, by partitioning collections into equal groups using number knowledge and skip counting	AC9M1N03	Count in groups	Skip counting Count collections Count money
Number	represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts	ACMNA015	Number	add and subtract numbers within 20, using physical and virtual materials, part-part-whole knowledge to 10 and a variety of calculation strategies	AC9M1N04	Add & subtract within 20	Combinations that add up to 20 Addition & subtraction strategies Explore equality & inequality
				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	AC9M1N05	Add & subtract problems within 20	Add & subtract practical problems
				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	AC9M1N06	Multiply & divide by grouping	Explore arrays & repeated addition Equal sharing & grouping
	recognise and describe one-half as one of two equal parts of a whole	ACMNA016					
	recognise, describe and order Australian coins according to their value	ACMNA017					
	develop confidence with number sequences to and from 100 by ones from any starting point. Skip count by twos, fives and tens starting from zero	ACMNA018		recognise, continue and create pattern sequences, with numbers, symbols, shapes and objects, formed by skip counting, initially by twos, fives and tens	AC9M1A01	Skip Counting Patterns	Pattern sequences
Algebra	investigate and describe number patterns formed by skip-counting and patterns with objects	ACMNA018		iens			
	investigate and describe number patterns formed by skip-counting and patterns with objects	ACMNA017	Algebra	recognise, continue and create repeating patterns with numbers, symbols, shapes and objects, identifying the repeating unit	AC9M1A02	Patterns	Repeating patterns





	Term one	Term two	Term three	Term four	
	Number	Number	Number Algebra	Number Algebra	
Unit 1	Numbers to at least 120	Partition numbers	Number Patterns	Number review	
	Read, write, and represent numbers to 120     Compare and order     Count forwards and backwards	Partition one- and two-digit numbers     Part-part-whole facts to 10	<ul> <li>Recognise, continue and create pattern sequences</li> <li>Recognise, continue and create repeating patterns</li> <li>Identify repeating unit</li> <li>Skip counting</li> </ul>	Review earlier content	
	Number	Number	Number	Number	
Unit 2	Addition and subtraction to 10	Addition and subtraction to 20	Grouping: Division	Operations: Problem solving	
	Count on/back Subitising Number bonds Doubles and near doubles	<ul> <li>Commutative property</li> <li>Equality and inequality</li> <li>Doubles and near doubles</li> <li>Problem solving</li> </ul>	Equal sharing     Sharing money     Problem solving	<ul> <li>Solve practical problems involving additive situations</li> <li>Solve practical problems involving equal sharing and grouping</li> </ul>	
	Space Algebra	Number	Space	Space	
Unit 3	2D shapes and patterns	Grouping: Multiplication	Properties of shapes	Properties of objects	
	Shape patterns     Recognise, describe, and extend patterns	<ul> <li>Count collections using groups</li> <li>Counting money</li> <li>Problem solving</li> </ul>	<ul> <li>Make, compare and classify familiar shapes</li> <li>Recognise familiar shapes in the environment</li> </ul>	Describe, compare and classify familiar objects     Recognise familiar objects in the environment	
	Measurement	Measurement	Measurement	Measurement	
Unit 4	Time	Mass and capacity	Position	Measurement review and applications	
	<ul> <li>Name, list, and use familiar units of time</li> <li>Compare durations</li> <li>Sequence events</li> <li>Estimate durations</li> </ul>	Use hefting and balance scales     Informal measurements     Compare mass and capacities	Give and follow directions     Create and follow algorithms	Solve practical problems involving measurement     Select appropriate measurements	
	Measurement	Statistics	Statistics	Space	
	Length	Data collection	Data representation	2D shape and 3D object review	
Unit 5	Measure using informal units     Measure using uniform units     Compare lengths	Pose questions     Collect and record information	Represent collected data     Compare and discuss the data	Review earlier content	





Strand	Outcomes and content descriptions	Locate	ed		
Number	AC9M1N01 recognise, represent and order numbers to at least 120 using physical and virtual materials, numerals, number lines and charts	<b>T1</b> U1	<b>T2</b> U1		<b>T4</b> U1
	AC9M1N02 partition one- and two-digit numbers in different ways using physical and virtual materials, including partitioning two-digit numbers into tens and ones	<b>T1</b> U1	<b>T2</b> U1		<b>T4</b> U1
	AC9M1N03 quantify sets of objects, to at least 120, by partitioning collections into equal groups using number knowledge and skip counting	<b>T1</b> U1		<b>T3</b> U1, U2	<b>T4</b> U2
	AC9M1N04 add and subtract numbers within 20, using physical and virtual materials, part-part-whole knowledge to 10 and a variety of calculation strategies	<b>T1</b> U2	<b>T2</b> U2		<b>T4</b> U2
	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	<b>T1</b> U2	<b>T2</b> U2		<b>T4</b> U2
	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		<b>T2</b> U3	<b>T3</b> U2	<b>T4</b> U2
Algebra	AC9M1A01 recognise, continue and create pattern sequences, with numbers, symbols, shapes and objects, formed by skip counting, initially by twos, fives and tens			<b>T3</b> U1	
	AC9M1A02 recognise, continue and create repeating patterns with numbers, symbols, shapes and objects, identifying the repeating units	<b>T1</b> U3		<b>T3</b> U1	
Measurement	AC9M1M01 compare directly and indirectly and order objects and events using attributes of length, mass, capacity and duration, communicating reasoning		<b>T2</b> U4		<b>T4</b> U4
	AC9M1M02 measure the length of shapes and objects using informal units, recognising that units need to be uniform and used end-to-end	<b>T1</b> U5			<b>T4</b> U4
	AC9M1M03 describe the duration and sequence of events using years, months, weeks, days and hours	<b>T1</b> U4			<b>T4</b> U4
Space	AC9M1SP01 make, compare and classify familiar shapes; recognise familiar shapes and objects in the environment, identifying the similarities and differences between them	<b>T1</b> U3		<b>T3</b> U3	<b>T4</b> U3, U5
	AC9M1SP02 give and follow directions to move people and objects to different locations within a space			<b>T3</b> U4	
Statistics	AC9M1ST01 acquire and record data for categorical variables in various ways including using digital tools, objects, images, drawings, lists, tally marks and symbols		<b>T2</b> U5	<b>T3</b> U5	
	AC9M1ST02 represent collected data for a categorical variable using one-to-one displays and digital tools where appropriate; compare the data using frequencies and discuss the findings			<b>T3</b> U5	





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Strand & Topic	Outcomes	Activities (Courses)		Skill Quests	Ebooks	
Unit 1 Number  Numbers to at least 120  Read, write, and represent numbers to at least 120  Compare and order Count forwards and backwards	AC9M1N01 recognise, represent and order numbers to at least 120 AC9M1N02 partition one- and two-digit numbers in different ways AC9M1N03 quantify sets of objects, to at least 120	Recognise, represent & order numbers  Going Up Going Down Counting Forwards Counting Backwards Before, After & Between to 100 Arranging Numbers Number Lines Number Line Order Matching Numbers to 10 Matching Numbers to 20	Reading Numbers to 30 Numbers from Words to Digits 2 1st to 31st More, Less or the Same to 20 Greater or Less to 100 Order Numbers to 20 1 to 30 Compare Numbers to 20 Compare Numbers to 50 Compare Numbers to 100  Place value to 2 digits Nearest Ten?	Count numbers to 120 Counting forwards & backwards to 100 Finding numbers before & after to 100 Counting forwards & backwards to 120 Numbers before & after to 120 Reading, writing & comparing to 120 Counting in tens & ones Read & write numbers to 100 Reading & writing 2-digit numbers	Compare & order numbers to 100  Comparing numbers to 100  Ordering numbers to 100  Read, write & order numbers to 200  Reading & writing 3-digit numbers to 200  Identify ordinal numbers to 31st  Identifying ordinal numbers up to 31st	(YI-B) Numbers  • Numbers to 20 (pp 1–13)  • Numbers to 50 (pp 14–22)  • Numbers to 100 (pp 23–28)  (Y2-C) Numbers  • Ordinal numbers (p 56)
Jumber  ddition and ubtraction to 10  count on/back ubitising umber bonds toubles and near oubles	AC9M1N04 add and subtract numbers within 20, using physical and virtual materials AC9M1N05 use mathematical modelling to solve practical problems	Add & subtract within 20  Model Addition Adding to 5 Adding to Ten Adding to Make 5 and 10 Add 3 Numbers Using Bonds to 10 Model Subtraction Subtracting From 5	Subtracting from Ten All about Ten Doubles and Halves to 10 I More, 2 Less Add & subtract problems within 20 Who's got the Money? Adding to 10 Word Problems	Recognise & recall bonds to 10  Recognising & recalling bonds to 10  Addition & subtraction strategies  Introducing the commutative property of addition  Adding & subtracting near doubles  Relating counting to adding & subtracting	<ul> <li>Adding &amp; subtracting within 10 fluently</li> <li>Adding compatible numbers (doubles or bonds to 10)</li> <li>Combinations that add up to 20</li> <li>Model &amp; record combinations that make 5 – 9</li> </ul>	YI-B Operations with Number  • Addition (pp 1–6, 9, 12, 19-24)  • Subtraction (pp 25-30, 33-37, 39)  • Addition and subtraction (pp 41–44, 47-52)
Jnit 3 pace ligebra  D shapes and latterns hape patterns lecognise, describe, and extend patterns	AC9M1SP01 make, compare and classify familiar shapes AC9M1A02 recognise, continue and create repeating patterns	Patterns • Simple Patterns • Missing it! • Colour Patterns • Complete the Pattern • Pattern Error		Pattern sequences  Relating number & object patterns Shape patterns  Repeating patterns Recognising repeating patterns Manipulating repeating patterns Extending repeating patterns Describing & creating repeating patterns Exploring repeating patterns with objects		(YI-B) Patterns and Relationship.  • Patterns and rules (pp 1−8)
Jnit 4 Measurement Time  Ilame, list, and use amiliar units of time compare durations dequence events sistimate durations	AC9M1M03 describe the duration and sequence of events using years, months, weeks, days and hours	Measuring time  Days of the Week  Days: After and Before  Tomorrow and Yesterday (without scaffold)  Weekdays and Weekends  Tell Time to the Hour  Hour Times		Duration & sequence of events Introducing the months of the year Working with years & months Comparing & sequencing intervals of time Describing duration		(YI-B) <b>Time and Money</b> • Time (pp 1−10)
Unit 5 Measurement Length  Measure using informal units Measure using uniform units Compare lengths	AC9M1M02 measure the length of shapes and objects using informal units, recognising that units need to be uniform and used end-to-end	Measuring & comparing length Comparing Length Measuring length with blocks Everyday Length		Explore & measure length • Exploring informal units of length & distant ldentify measurable attributes • Introducing the attribute of length Compare lengths • Indirect comparisons of lengths	ice	(YI-B) <b>Measurement</b> • Length (pp 1–14)

#### Australian Capital Territory | Year 1



Australian	Curriculum v9	11 01	Australian Capital Territory   Tear 1			
Strand & Topic	Outcomes	Activities (Courses)	Skill Quests	Ebooks		
Unit 1 Number  Partition numbers  Partition one- and two-digit numbers  Part-part-whole facts to 10	AC9M1N01 recognise, represent and order numbers to at least 120 AC9M1N02 partition one- and two-digit numbers in different ways	Place value to 2 digits  • Making Teen Numbers  • Place Value 1  • Repartition Two-digit Numbers	Place value of 2-digit numbers  • Identifying place value up to 2 digits  • Solving problems using place value up to 2 digits  Partition 2-digit numbers  • Partitioning 2-digit numbers (standard)  • Partitioning 2-digit numbers (non-standard)	Y₁-B) <b>Numbers</b> • Place value to 99 (pp 29–41)		
Unit 2 Number  Addition and subtraction to 20  Commutative property Equality and inequality Doubles and near doubles Problem solving	AC9M1N04 add and subtract numbers within 20 AC9M1N05 use mathematical modelling to solve practical problems	Add & subtract within 20  Commutative Property of Addition Addictive Addition Add 3 Numbers Using Bonds to 10 Add 3 Single Digit Numbers Doubles and Near Doubles Subtracting from 20 Simple Subtraction All about Twenty Doubles and Halves to 20 Balance Numbers to 20 I More, 2 Less	Combinations that add up to 20  • Model & record combinations that make 11 – 20 • Add zero to a number (up to 20)  Addition & subtraction strategies  • Introducing the commutative property of addition  • Adding & subtracting near doubles  • Relating counting to adding & subtracting  • Adding doubles up to 20  • Finding the difference between 2 numbers (to 20)	YI-B Operations with Number  • Addition (pp 7-8, 10-11, 13-18)  • Subtraction (pp 31-32, 38, 40)  • Addition and subtraction (pp 45-46, 53-54)		
Unit 3 Number  Grouping: multiplication  Count collections using groups Counting money Problem solving	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	Multiply & divide by grouping  • Share the Treasure  • Divide Into Equal Groups  • Fill the Jars  • Grouping in Twos  • Grouping in Fives  • Grouping in Tens  Count in groups  • Making Numbers Count  • Making Big Numbers Count	Explore arrays & repeated addition  • Exploring arrays (no x symbol)  • Using repeated addition to multiply  Equal sharing & grouping  • Grouping & skip counting to multiply  Count collections  • Counting collections 0 to 100  • Using groups of 10 to count large collections  Count money  • Counting Australian notes & coins	(Y1-B) Operations with Number • Multiplication (pp 55–63)		
Unit 4 Measurement  Mass and capacity Use hefting and balance scales Informal measurements Compare mass and capacities	AC9M1M01 compare directly and indirectly and order objects and events using attributes of length, mass, capacity and duration, communicating reasoning	Measuring & comparing length Filling Fast! Everyday Mass Balancing Objects	Explore, compare & order capacity  • Exploring capacity using informal units  • Comparing & ordering capacity, informal units  Explore, compare & order mass  • Comparing & ordering mass, informal units  Identify measurable attributes  • Introducing the attribute of mass	(Y1-B) Measurement  • Mass (pp 15–25)  • Volume and capacity (pp 26, 28-31)		
Unit 5 Statistics  Data Collection  Pose questions Collect and record information	AC9MISTO1 acquire and record data for categorical variables in various ways including using digital tools, objects, images, drawings, lists, tally marks and symbols	Read, represent & interpret data • Tallies	Gather & record data  • Asking suitable questions for data collection  • Completing tally charts  • Gathering, sorting & recording data	(Y1-B) Chance and Data • Data (pp 7–13)		

#### Australian Capital Territory | Year 1



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Strand & Topic	Outcomes	Activities (Courses)	Skill Quests		Ebooks	
Unit 1 Number Algebra Number patterns Recognise, continue and create pattern sequences Recognise, continue and create repeating patterns dentify repeating unit Skip counting	AC9M1N03 quantify sets of objects, to at least 120 AC9M1A01 recognise, continue and create pattern sequences AC9M1A02 recognise, continue and create repeating patterns	Skip Counting Patterns  Count by 2s, 5s and 10s  Counting on a 100 grid  Count Forward Patterns  Count Backward Patterns  Skip Counting  Skip Counting with Coins	Pattern sequences  Exploring number patterns (1, 2, 5, 10)  Additive & subtractive patterns (within 5)  Repeating patterns  Exploring repeating numeric patterns	Skip counting  • Skip counting by 2s  • Skip counting by 5s  • Skip counting by 10s  • Skip counting with money  • Skip counting by 2s, 5s & 10		
Jnit 2 Jumber Grouping: division Equal sharing Sharing money Problem solving	AC9M1N03 quantify sets of objects, to at least 120 AC9M1N06 use mathematical modelling to solve practical problems		Equal sharing & grouping  • Sharing to divide up to 20  • Grouping to divide		(Y1-B) Operations with Number • Division (pp 64–69)	
Properties of shapes  Make, compare and classify familiar chapes  Recognise familiar chapes in the c	AC9MISP01 make, compare and classify familiar shapes; recognise familiar shapes and objects in the environment, identifying the similarities and differences between them	Shape and space  • Match the Solid 1  • Collect Simple Shapes  • Count Sides and Corners	Introduction two-dimensional shapes • Sorting quadrilaterals from other 2D shapes • Comparing 2D shapes	(YI-B) Space and Shape • 2D space (pp 1−18)		
Unit 4  Measurement  Position  Give and follow directions  Create and follow algorithms	AC9M1SP02 give and follow directions to move people and objects to different locations within a space	Shape and space  • Where is it?  • Left or Right?	Position & direction  • Position using left, right & ordinal numbers  • Giving directions to others	(Y1-B) <b>Space and Shape</b> • Position (pp 31−38)		
Unit 5 Statistics  Data representation  Represent collected data  Compare and discuss the data	AC9M1ST01 acquire and record data for categorical variables AC9M1ST02 represent collected data for a categorical variable	Read, represent & interpret data  Read Graphs  Picture Graphs: Who has the Goods?  Picture Graphs: More or Less  Picture Graphs: Single-Unit Scale  Making Picture Graphs: With Scale	Represent & read data  Representing data in a simple display Reading simple data displays using objects Picture graphs Ordering category data		(YI-B) Chance and Data ■ Data (pp 14–21)	





Strand & Topic	Outcomes	Activities (Courses)	Skill Quests	Ebooks
Unit 1 Number Algebra Number review	AC9M1N01 recognise, represent and order numbers to at least 120 AC9M1N02 partition one- and two-digit numbers in different ways	Review earlier content	Review earlier content	Review earlier content
Unit 2 Number  Operations: problem solving  Solve practical problems involving additive situations Solve practical problems involving equal sharing and grouping	AC9M1N03 quantify sets of objects, to at least 120  AC9M1N04 add and subtract numbers within 20  AC9M1N05 use mathematical modelling to solve  AC9M1N06 use mathematical modelling to solve		Add & subtract practical problems  • Solving addition & subtraction word problems to 20  Equal sharing & grouping  • Solving equal group problems  • Solving grouping & sharing problems	
Unit 3 Space  Properties of objects  Describe, compare and classify familiar objects  Recognise familiar objects in the environment	AC9MISP01 make, compare and classify familiar shapes; recognise familiar shapes and objects in the environment, identifying the similarities and differences between them			(YI-B) Space and Shape • 3D space (pp 19–30)
Unit 4 Measurement review and applications  Solve practical problems involving measurement Select appropriate measurements	AC9M1M01 compare directly and indirectly and order objects and events using attributes of length, mass, capacity and duration, communicating reasoning	Review earlier content	Review earlier content	Review earlier content
Unit 5 Space 2D shape and 3D object review	AC9M1M02 measure the length of shapes and objects using informal units AC9M1M03 describe the duration and sequence of events using years, months, weeks, days and hours	Review earlier content	Review earlier content	Review earlier content