



Australian Curriculum Version 9 Covered by Bond Blocks Addition and Subtraction Kit

Strand: Number			
★	🕒🕒🕒	🔄	Place Value <ul style="list-style-type: none"> AC9M1N01: Recognise, represent and order numbers to at least 120 using physical and virtual materials, numerals, number lines and charts.
★	🕒🕒🕒	🔄	<ul style="list-style-type: none"> AC9M1N02: Partition one- and two-digit numbers in different ways using physical and virtual materials, including partitioning two-digit numbers into tens and ones.
	🕒🕒		Counting <ul style="list-style-type: none"> AC9M1N03: Quantify sets of objects, to at least 120, by partitioning collections into equal groups using number knowledge and skip counting.
★	🕒🕒🕒	🔄	Addition & Subtraction <ul style="list-style-type: none"> AC9M1N04: Add and subtract numbers within 20, using physical and virtual materials, part-part-whole knowledge to 10 and a variety of calculation strategies.* <p><i>*(Bond Blocks are representational, so the focus is up to a whole of 10. Quantities 11 - 20 should be taught with discrete materials organised into quantities that can be identified without counting. Bond Blocks focusses on quantities 11 - 20 in Year 2.)</i></p>
★	🕒🕒🕒	🔄	Modelling <ul style="list-style-type: none"> 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.
	🕒🕒		<ul style="list-style-type: none"> 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.
Strand: Algebra			
	🕒	🔄	Pattern <ul style="list-style-type: none"> AC9M1A01: Recognise, continue and create pattern sequences, with numbers, symbols, shapes and objects, formed by skip counting, initially by twos, fives and tens.
	🕒		<ul style="list-style-type: none"> AC9M1A02: Recognise, continue and create repeating patterns with numbers, symbols, shapes and objects, identifying the repeating unit.

Bond Blocks does not cover the whole curriculum, it is specific and targeted. It focusses on key skills, at this age, that are predictive of difficulty in mathematics. **The content covered by Bond Blocks is highlighted.**

The Bond Blocks Addition and Subtraction Kit does not cover strands other than Number and Algebra.

Stars, clocks and interleaving recommendations come from the AC9 Quick Curriculum Guides developed by Dr Paul Swan and Narelle Rice.

Swan & Rice AC9 Quick Curriculum Guides



★ In our opinion, this is one of the most vital topics for the year level. Often these are pre-requisites for later learning.

🕒 Our estimate of teaching time required. 🕒 = a few lessons. 🕒🕒 = a few weeks. 🕒🕒🕒 = more than 3 weeks.

🔄 This icon means we think this content is best approached with multiple exposures (interleaving).





Australian Curriculum Version 9 Covered by Bond Blocks Addition and Subtraction Kit

Strand: Number			
★	🕒🕒🕒	🔄	Place Value <ul style="list-style-type: none"> AC9M2N01: Recognise, represent and order numbers to at least 1000 using physical and virtual materials, numerals and number lines.
★	🕒🕒🕒	🔄	<ul style="list-style-type: none"> AC9M2N02: Partition, rearrange, regroup and rename two- and three-digit numbers using standard and non-standard groupings; recognise the role of a zero digit in place value notation.
	🕒🕒		Fractions <ul style="list-style-type: none"> AC9M2N03: Recognise and describe one-half as one of 2 equal parts of a whole and connect halves, quarters and eighths through repeated halving.
★	🕒🕒🕒	🔄	Addition & Subtraction <ul style="list-style-type: none"> AC9M2N04: Add and subtract one- and two-digit numbers, representing problems using number sentences and solve using part-part-whole reasoning and a variety of calculation strategies.* <p><i>*(Bond Blocks covers wholes up to 30. It focusses on developing strategies with understanding, that are then applied to numbers greater than 30 using non-Bond Block resources.)</i></p>
★	🕒🕒🕒	🔄	Multiplication & Division <ul style="list-style-type: none"> AC9M2N05: Multiply and divide by one-digit numbers using repeated addition, equal grouping, arrays, and partitioning to support a variety of calculation strategies.
★	🕒🕒🕒	🔄	Modelling <ul style="list-style-type: none"> AC9M2N06: Use mathematical modelling to solve practical problems involving additive and multiplicative situations, including money transactions; represent situations and choose calculation strategies; interpret and communicate solutions in terms of the situation.
Strand: Algebra			
	🕒		Pattern <ul style="list-style-type: none"> AC9M2A01: Recognise, describe and create additive patterns that increase or decrease by a constant amount, using numbers, shapes and objects, and identify missing elements in the pattern.
★	🕒🕒🕒	🔄	Addition & Subtraction <ul style="list-style-type: none"> AC9M2A02: Recall and demonstrate proficiency with addition facts to 20; extend and apply facts to develop related subtraction facts.
★	🕒🕒	🔄	Multiplication & Division <ul style="list-style-type: none"> AC9M2A03: Recall and demonstrate proficiency with multiplication facts for twos; extend and apply facts to develop the related division facts using doubling and halving.

Bond Blocks does not cover the whole curriculum, it is specific and targeted. It focusses on key skills, at this age, that are predictive of difficulty in mathematics. The content covered by Bond Blocks is highlighted.

The Bond Blocks Addition and Subtraction Kit does not cover strands other than Number and Algebra.

Stars, clocks and interleaving recommendations come from the AC9 Quick Curriculum Guides developed by Dr Paul Swan and Narelle Rice.

Swan & Rice AC9 Quick Curriculum Guides



★ In our opinion, this is one of the most vital topics for the year level. Often these are pre-requisites for later learning.

🕒 Our estimate of teaching time required. 🕒 = a few lessons. 🕒🕒 = a few weeks. 🕒🕒🕒 = more than 3 weeks.

🔄 This icon means we think this content is best approached with multiple exposures (interleaving).





Australian Curriculum Version 9 Covered by Bond Blocks Addition and Subtraction Kit

Strand: Number			
★	🕒🕒🕒	🔄	Place Value <ul style="list-style-type: none"> AC9M3N01: Recognise, represent and order natural numbers using naming and writing conventions for numerals beyond 10 000.
	🕒🕒	🔄	Fractions <ul style="list-style-type: none"> AC9M3N02: Recognise and represent unit fractions including $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, and $\frac{1}{10}$ and their multiples in different ways; combine fractions with the same denominator to complete the whole.
★	🕒🕒🕒	🔄	Addition & Subtraction <ul style="list-style-type: none"> AC9M3N03: Add and subtract two- and three-digit numbers using place value to partition, rearrange and regroup numbers to assist in calculations without a calculator.
★	🕒🕒🕒	🔄	Multiplication & Division <ul style="list-style-type: none"> AC9M3N04: Multiply and divide one- and two-digit numbers, representing problems using number sentences, diagrams and arrays, and using a variety of calculation strategies.
	🕒		Estimation <ul style="list-style-type: none"> AC9M3N05: Estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations.
★	🕒🕒🕒	🔄	Modelling <ul style="list-style-type: none"> AC9M3N06: Use mathematical modelling to solve practical problems involving additive and multiplicative situations including financial contexts; formulate problems using number sentences and choose calculation strategies, using digital tools where appropriate; interpret and communicate solutions in terms of the situation.
	🕒		Pattern <ul style="list-style-type: none"> AC9M3N07: Follow and create algorithms involving a sequence of steps and decisions to investigate numbers; describe any emerging patterns.
Strand: Algebra			
★	🕒🕒🕒	🔄	Addition & Subtraction <ul style="list-style-type: none"> AC9M3A01: Recognise and explain the connection between addition and subtraction as inverse operations, apply to partition numbers and find unknown values in number sentences.
★	🕒🕒🕒	🔄	<ul style="list-style-type: none"> 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.
★	🕒🕒🕒	🔄	Multiplication & Division <ul style="list-style-type: none"> AC9M3A03: Recall and demonstrate proficiency with multiplication facts for 3, 4, 5 and 10; extend and apply facts to develop the related division facts.

Bond Blocks does not cover the whole curriculum, it is specific and targeted. It focuses on key skills, at this age, that are predictive of difficulty in mathematics. **The content covered by Bond Blocks is highlighted.**

The Bond Blocks Addition and Subtraction Kit does not cover strands other than Number and Algebra.

Stars, clocks and interleaving recommendations come from the AC9 Quick Curriculum Guides developed by Dr Paul Swan and Narelle Rice.

Swan & Rice AC9 Quick Curriculum Guides



★ In our opinion, this is one of the most vital topics for the year level. Often these are pre-requisites for later learning.

🕒 Our estimate of teaching time required. 🕒 = a few lessons. 🕒🕒 = a few weeks. 🕒🕒🕒 = more than 3 weeks.

🔄 This icon means we think this content is best approached with multiple exposures (interleaving).

