| Prep |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 | Package 7 | Package 8 | Package 9 | Package 10 | Package 11 | Package 12 | Package 13 | Package 14 | Package 15 | Package 16 |
| - Counting <br> - Connect number names, numerals and quantities <br> - Join collections of items | - Addition <br> - Sharing | - Counting <br> - Connect numerals and number names <br> - Addition <br> - Sharing | - Measurement - direct and indirect comparison <br> - Patterns | - 2D shapes - match and compare <br> - 3D objects identify and construct | - Explore, describe, create patterns <br> - Identify growing patterns | - Make, represent, compare and order quantities and numerals | - Measurement - explore size and mass | - Sort and classify <br> - Describe and create patterns | - Recall and represent sequences of events <br> - Compare mass using balance scales | - Compare objects using measurement <br> - Describe position and location of objects | - Describe movement <br> - Explore addition | - Interpret and represent data <br> - Create pictures using 2D shapes <br> - Describe events | - Growing patterns | - Measurement - explore student size | - Represent quantities <br> - Count backwards from five |
| Year 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 | Package 7 | Package 8 | Package 9 | Package 10 | Package 11 | Package 12 | Package 13 | Package 14 | Package 15 | Package 16 |
| - Growing patterns <br> - Represent and record counting sequences and quantities including 10s <br> - Two-digit numbers | - Model doubles facts <br> - Addition and subtraction <br> - Multiples of 10 | - Compare and order numbers <br> - Identify halves <br> - Identify and describe number patterns <br> - Two-digit numbers | - Tell time <br> - Describe location, position, direction and movement of objects <br> - Give and follow directions <br> - 2D shapes and 3D objects | - Addition and subtraction problems <br> - Partition and sequence teen numbers <br> - Describe and sequence numbers to 19 | - Lengths measure and compare <br> - 2D shapes \& 3D objects | - Subtraction problems <br> - Capacity of containers - measure, compare and order | - Skip counting <br> - Two-digit numbers -represent and locate on a number line <br> - Australian coins -identify and order | - Lengths describe and compare objects <br> - Addition problems | - Solve addition and subtraction problems <br> - Describe time durations <br> - Tell time to the half hour | - Identify halves <br> - Describe and represent number patterns <br> - Two-digit numbers locate on number lines | - Identify the chance of events occurring <br> - Collect data <br> - Join parts to make a whole <br> - Addition and subtraction | - Addition and subtraction problems <br> - Represent and continue growth patterns | - Describe time durations <br> - Recall addition and subtraction facts | - Consolidate number, addition, subtraction, patterns and chance | - Calendars <br> - Describe and compare time durations <br> - Count to and from 100 <br> - Identify, represent and order numbers up to 19 |


| Year 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 | Package 7 | Package 8 | Package 9 | Package 10 | Package 11 | Package 12 | Package 13 | Package 14 | Package 15 | Package 16 |
| - Two-digit numbers compare and order <br> - Add numbers that cross over tens numbers <br> - Represent and continue 3s counting sequence <br> - Identify pattern rules for number sequences | - Addition and subtraction problems with two-digit numbers <br> - Multiplication and division - represent in different ways <br> - Simple multiplication and division problems | - Three-digit numbers <br> - Divide collections and shapes into halves and eighths | - Describe polygons <br> - Draw 2D shapes <br> - Describe 3D objects <br> - Tell time to the half hour and quarter hour | - Represent halves, quarters and eighths of collections and shapes <br> - Count Australian notes and coins | - Add and subtract twodigit numbers <br> - Measurement length and area of objects <br> - Capacity measure and compare | - Multiplication and division <br> - Count collections of coins and notes <br> - Represent and compare money amounts | - Recall addition and subtraction number facts <br> - Add single and two-digit numbers <br> - Multiplication and division | - Data - collect, represent and display | - Calendars <br> - Recall addition facts <br> - Two-digit numbers and multiples of 10 - add and subtract | - Data - collect, represent and interpret <br> - Mass, length, area and capacity of objects -compare and order | - 2D shapes - draw and describe <br> - 3D objects - describe features | - Recall addition and subtraction number facts to 20 <br> - Addition and subtraction problems with two-digit numbers | - Skip counting with 2s, $5 \mathrm{~s}, 10 \mathrm{~s}$ and 100s <br> - Divide shapes into parts to represent halves, quarters and eighths <br> - Number problems involving halves, quarters and eighths | - Consolidate mathematical concepts | - Order days and months <br> - Calendars <br> - Tell time to the quarter hour |


| Year 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 | Package 7 | Package 8 | Package 9 | Package 10 | Package 11 | Package 12 | Package 13 | Package 14 | Package 15 | Package 16 |
| - Three-digit numbers represent, compare, order and round <br> - Use place value parts to solve addition and subtraction problems <br> - Identify and use pattern rules | - Recall addition, subtraction and multiplication facts <br> - Three-digit numbers - add and subtract <br> - Multiples of ten - double and halve | - Odd and even numbers <br> - Model fractions including thirds <br> - Three-digit numbers read, write and order <br> - Count beyond 1000 in multiples of 1 , 10 and 100 | - 3D objects - sort and compare <br> - 3D objects - construct models <br> - Angles - find, describe and compare | - Represent multiplication using array models <br> - Recall 2s and 10s multiplication facts <br> - Money problems to calculate change | - Sequence numbers beyond 1000 <br> - Represent fourdigit numbers <br> - Add two-digit numbers using a written strategy | - Represent and compare fractions with materials and shapes <br> - Divide shapes and collections into halves, thirds, quarters and eighths <br> - Recall multiplication facts including 3s <br> - Connect multiplication and division | - Describe number patterns to 10000 <br> - Continue patterns involving addition and subtraction <br> - Add and subtract twodigit and threedigit numbers | - Measure and compare time durations <br> - Tell time to the minute <br> - Solve time problems | - Collect and interpret data <br> - Represent data in graphs <br> - Conduct a chance experiment | - Recall multiplication facts ( 0 s , 1s, 2s, $3 \mathrm{~s}, 5 \mathrm{~s}, 10 \mathrm{~s}$ ) <br> - Solve word problems involving multiplication, division and fractions <br> - Divide shapes and collections into halves, quarters, thirds, fifths and eighths | - Addition and subtraction word problems <br> - Add two-digit and three-digit numbers using a written strategy <br> - Subtract twodigit numbers using a written strategy <br> - Create maps and plans | - Create <br> symmetrical shapes and patterns <br> - Angles describe and compare <br> - 3D objects make models | - Data - collect, interpret and display <br> - Conduct chance experiments <br> - Count change to the nearest five cents | - Consolidate mathematical concepts | - Tell time to the minute <br> - Simple time problems |
| Year 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 | Package 7 | Package 8 | Package 9 | Package 10 | Package 11 | Package 12 | Package 13 | Package 14 | Package 15 | Package 16 |
| - Five-digit numbers represent, compare and order <br> - Investigate patterns and relationships relating to odd \& even numbers | - Practise fluency when recalling $3 \mathrm{~s}, 6 \mathrm{~s}$ \& 9s multiplication facts <br> - Multiplication and division word problems <br> - Represent fractions on number lines <br> - Fraction problems | - Addition, subtraction, multiplication and division word problems <br> - Problems involving purchases using different strategies <br> - Represent, compare and order numbers up to six digits | - 2D shapes <br> - describe <br> properties of <br> and create <br> - Read maps and plans | - Multiplication and division patterns (by 2s, 4s, 5s, 10s) <br> - Give and follow directions <br> - Angles compare and classify | - Calculate change using different methods including rounding <br> - Create a spending plan | - Multiplication and division problems using place value materials and arrays <br> - Convert fractions <br> - Investigate equivalent fractions <br> - Fraction problems | - Measurement - length, mass and capacity <br> - Read graduated scales <br> - Measurement areas of regular \& irregular shapes | - Fractions and decimals <br> - Add, subtract, multiply and divide using a range of strategies | - Data observations and surveys <br> - Data represent in picture and column graphs <br> - Unknowns using equivalence | - Fractions and decimals <br> - Compare and order events | - Addition, subtraction, multiplication and division problems using a range of strategies | - Division problems using a range of strategies <br> - Data - collect, represent and interpret | - Fractions and decimals <br> - Addition, subtraction, multiplication and division strategies | - Area of shapes - measure and compare <br> - Compare objects using metric units <br> - Calculate time | - Multiples (2,4,5,10) <br> - Recall and extend multiplication facts <br> - Tell time to the minute <br> - Time problems |


| Year 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 | Package 7 | Package 8 | Package 9 | Package 10 | Package 11 | Package 12 | Package 13 | Package 14 | Package 15 | Package 16 |
| - Problems with five-digit numbers <br> - Explore decimals to hundredths <br> - Count, compare and order decimals | - Identify factors and multiples <br> - Create and continue number patterns using whole numbers, fractions and decimals | - Addition, subtraction, multiplication division and money problems using a variety of strategies | - Symmetry <br> - Enlarge and reduce shapes <br> - 3D objects properties | - Interpret maps <br> - Identify location using coordinates <br> - Describe and create symmetry <br> - Enlarge shapes | - Investigate income \& expenditure <br> - Develop a savings plan | - Represent fractions as decimals <br> - Connect and compare decimals <br> - Patterns involving addition and subtraction <br> - Investigate the relationship between multiplication \& division | - Multiplication and division <br> - Angles | - Transformation symmetry <br> - Multiplication facts and problems <br> - Division problems with no remainder | - Data - collect, display and interpret | - Addition, subtraction and multiplication <br> - Identify factors and multiples | - Division problems <br> - Read and convert between 12and 24-hour time <br> - Investigate probability of events occurring | - Data - collect, organise and analyse | - Plan a budget <br> - Order and compare fractions and decimals <br> - Apply mental strategies to solve problems | - Angles measure and construct <br> - Use coordinates on a map | - Time measure and record <br> - Read and represent 24-hour time |


| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 |
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| - Add, subtract and multiply using decima numbers | - Represent square \& triangular numbers <br> - Numbers less than zero number lines | - Order of operations when solving problems <br> - Division with no remainder | - Construct <br> 3D shapes <br> - Compare volume and capacity <br> - Calculate angles | - Prime and composite numbers <br> - Problems using addition and subtraction <br> - Describe, continue and create number patterns <br> - Compare and order fractions | - Connect fractions, decimals and percentages <br> - Calculate percentage discounts <br> - Multiplication |

Year 6

| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 | Package 7 | Package 8 | Package 9 | Package 10 | Package 11 | Package 12 | Package 13 | Package 14 | Package 15 | Package 16 |
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| - Create algebraic expressions <br> - Develop algebraic rules to describe patterns <br> - Develop mathematical models from tables of values <br> - Linear equations | - Solve linear equations <br> - Graphing on Cartesian planes <br> - Create and interpret time graphs | - Add and subtract fractions <br> - Convert between fractions, decimals and percentages <br> - Ratios | - Investigate theoretical and experimental probabilities | - Sum of angles in triangles and quadrilaterals <br> - Area of rectangles <br> - 3D objects - describing and drawing from different viewpoints <br> - Volume of rectangular prisms | - Multiply and divide fractions <br> - Problems involving fractions and the four operations <br> - Ratio problems | - Multiply, divide and round decimals <br> - Calculate best shopping deals <br> - Express numbers using the powers of ten <br> - Add and subtract integers | - Convert between fractions, decimals, percentages <br> - Multiplication problems with decimals | - Express numbers in index notation <br> - Connect square root and square numbers <br> - Prime factors <br> - Number laws | - Add, subtract, compare, order and express fractions <br> - Compare and order integers | - Data displays - Compare and interpret <br> - Construct stem-and-leaf plots <br> - Mean, median, mode and range for sets of data | - Connect stem-and-leaf plots and measuring of centre <br> - Investigate issues involving data | - Measures of centre and spread using a spreadsheet <br> - Conduct an inquiry by applying statistics | - Identify transversals on parallel lines <br> - Problems using angle relationships | - Translate, reflect and transform shapes on the Cartesian plane <br> - Line and rotational symmetry | - Area of parallelograms and triangles <br> - Algebraic expressions - create and evaluate |

Year 8

| Package 1 | Package 2 | Package 3 | Package 4 | Package 5 | Package 6 | Package 7 | Package 8 | Package 9 | Package 10 | Package 11 | Package 12 | Package 13 | Package 14 | Package 15 | Package 16 |
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| - Index laws <br> - Problems using indices | - Expand simple and algebraic expressions using the distributive law <br> - Graph linear functions with expanded and factorised expressions | - Consolidate the relationship between rates and linear models <br> - Partition a quantity into a ratio <br> - Plot linear relationships <br> - Solve linear equations | - Perimeter and area - squares, rectangles, triangles, parallelograms, rhombuses, trapeziums and kites <br> - Relationship between pi and circles | - Circumference and area of circles <br> - Create a plan for a stainedglass window | - Explore the effect of sample size <br> - Describe data samples using data displays <br> - Mean, median, mode and range using a spreadsheet | - Explore outliers and bias <br> - Problems using 12- and 24-hour time and time zones <br> - Terminating and recurring decimals | - Irrational numbers <br> - Probability <br> - Organise data - Venn diagrams and two-way tables | - Add, subtract, multiply and divide integers and rational numbers <br> - Apply the order of operations to integers | - Percentage, fraction and decimal relationships <br> - Percentage problems | - Simplify algebraic expressions <br> - Solve linear equations <br> - Algebraic models | - Congruence by translation, reflection and rotation <br> - Construct congruent triangles | - Convert between units for volume <br> - Apply congruence properties <br> - Volume of prisms | - Volume of prisms using the general formula <br> - Volume problems | - Properties of quadrilaterals <br> - Tangrams | - Represent linear patterns <br> - Describe linear relationships <br> - Sketch linear functions |



