

| Outcome | Old Outcome | Old Description | New Outcome | New Outcome | New Description |
|---------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NS | NS Number | | | | |
| NES1.1 | NES1.1 Whole Numbers | Counts to 30, and orders, reads and represents numbers in the range 0 to 2 | MAe-4NA | MAE-4NA Whole Numbers | counts to 30, and orders, reads and represents numbers in the range 0 to 20 |
| NS1.1 | NS1.1 Whole Numbers | Counts, orders, reads and represents two- and three-digit numbers | MA1-4NA | MA1-4NA Whole Numbers | applies place value, informally, to count, order, read and represent two- and three-digit numbers |
| NS2.1 | NS2.1 Whole Numbers | Counts, orders, reads and records numbers up to four digits | MA2-4NA | MA2-4NA Whole Numbers | applies place value to order, read and represent numbers of up to five digits |
| NS3.1 | NS3.1 Whole Numbers | Orders, reads and writes numbers of any size | MA3-4NA | MA3-4NA Whole Numbers | orders, reads and represents integers of any size and describes properties of whole numbers |
| NES1.2 | NES1.2 Addition and Subtraction | Combines, separates and compares collections of objects, describes using everyday language and records using informal methods | MAe-5NA | MAE-5NA Addition and Subtraction | combines, separates and compares collections of objects, describes using everyday language, and records using informal methods |
| NS1.2 | NS1.2 Addition and Subtraction | Uses a range of mental strategies and informal recording methods for addition and subtraction involving one- and two-digit numbers | MA1-5NA | MA1-5NA Addition and Subtraction | uses a range of strategies and informal recording methods for addition and subtraction involving one- and two-digit numbers |
| NS2.2 | NS2.2 Addition and Subtraction | Uses mental and written strategies for addition and subtraction involving two-, three- and four digit numbers | MA2-5NA | MA2-5NA Addition and Subtraction | uses mental and written strategies for addition and subtraction involving two-, three-, four- and five-digit numbers |
| NS3.2 | NS3.2 Addition and Subtraction | Selects and applies appropriate strategies for addition and subtraction with counting numbers of any size | MA3-5NA | MA3-5NA Addition and Subtraction | selects and applies appropriate strategies for addition and subtraction with counting numbers of any size |
| NES1.3 | NES1.3 Multiplication and Division | Groups, shares and counts collections of objects, describes using everyday language and records using informal methods | MAe-6NA | MAE-6NA Multiplication and Division | groups, shares and counts collections of objects, describes using everyday language, and records using informal methods |
| NS1.3 | NS1.3 Multiplication and Division | Uses a range of mental strategies and concrete materials for multiplication and division | MA1-6NA | MA1-6NA Multiplication and Division | uses a range of mental strategies and concrete materials for multiplication and division |
| NS2.3 | NS2.3 Multiplication and Division | Uses mental and informal written strategies for multiplication and division | MA2-6NA | MA2-6NA Multiplication and Division | uses mental and informal written strategies for multiplication and division |
| NS3.3 | NS3.3 Multiplication and Division | Selects and applies appropriate strategies for multiplication and division | MA3-6NA | MA3-6NA Multiplication and Division | selects and applies appropriate strategies for multiplication and division, and applies the order of operations to calculations involving more than one operation |
| NS4.1 | NS4.1 Operations with Whole Numbers | Recognises the properties of special groups of whole numbers and applies a range of strategies to aid computation | | | |
| NS4.2 | NS4.2 Integers | Compares, orders and calculates with integers | MA4-4NA | MA4-4NA Computation with Integers | compares, orders and calculates with integers, applying a range of strategies to aid computation |
| NES1.4 | NES1.4 Fractions and Decimals | Describes halves, encountered in everyday contexts, as two equal parts of an object | MAe-7NA | MAE-7NA Fractions and Decimals | describes two equal parts as halves |
| NS1.4 | NS1.4 Fractions and Decimals | Describes and models halves and quarters, of objects and collections, occurring in everyday situations | MA1-7NA | MA1-7NA Fractions and Decimals | represents and models halves, quarters and eighths |
| NS2.4 | NS 2.4 Fractions and Decimals | Models, compares and represents commonly used fractions and decimals, adds and subtracts decimals to two decimal places, and interprets everyday percentages | MA2-7NA | MA2-7NA Fractions and Decimals | represents, models and compares commonly used fractions and decimals |
| NS3.4 | NS3.4 Fractions and Decimals | Compares, orders and calculates with decimals, simple fractions and simple percentages | MA3-7NA | MA3-7NA Fractions, Decimals and Percentages | compares, orders and calculates with fractions, decimals and percentages |
| NS4.3 | NS4.3 Fractions, Decimals and Percentages | Operates with fractions, decimals, percentages, ratios and rates | MA4-5NA | MA4-5NA Fractions, Decimals and Percentages | operates with fractions, decimals and percentages |
| NS4.3 | NS4.3 Fractions, Decimals and Percentages | Operates with fractions, decimals, percentages, ratios and rates | MA4-7NA | MA4-7NA Ratios and Rates | operates with ratios and rates, and explores their graphical representation |
| NS5.1.1 | NS5.1.1 Rational Numbers | Applies index laws to simplify and evaluate arithmetic expressions and uses scientific notation to write large and small numbers | MA5.1-5NA | MA5.1-5NA Indices | operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases |
| NS5.1.1 | NS5.1.1 Rational Numbers | Applies index laws to simplify and evaluate arithmetic expressions and uses scientific notation to write large and small numbers | MA5.1-9MG | MA5.1-9MG Numbers of Any Magnitude | interprets very small and very large units of measurement, uses scientific notation, and rounds to significant figures |
| NS5.2.1 | NS5.2.1 Rational Numbers | Rounds decimals to a specified number of significant figures, expresses recurring decimals in fraction form and converts rates from one set of units to another | MA5.1-9MG | MA5.1-9MG Numbers of Any Magnitude | interprets very small and very large units of measurement, uses scientific notation, and rounds to significant figures |
| NS5.3.1 | NS5.3.1 Real Numbers | Performs operations with surds and indices | MA5.3-6NA | MA5.3-6NA Surds and Indices | performs operations with surds and indices |
| NS5.1.2 | NS5.1.2 Consumer Arithmetic | Solves consumer arithmetic problems involving earning and spending money | MA4-6NA | MA4-6NA Financial Mathematics | solves financial problems involving purchasing goods |
| NS5.2.2 | NS5.2.2 Consumer Arithmetic | Solves consumer arithmetic problems involving compound interest, depreciation and successive discounts | MA5.2-4NA | MA5.2-4NA Financial Mathematics | solves financial problems involving compound interest |
| NS1.5 | NS1.5 Chance | Recognises and describes the element of chance in everyday events | MA1-18SP | MA1-18SP Chance | recognises and describes the element of chance in everyday events |
| NS2.5 | NS2.5 Chance | Describes and compares chance events in social and experimental contexts | MA2-19SP | MA2-19SP Chance | describes and compares chance events in social and experimental contexts |
| NS3.5 | NS3.5 Chance | Orders the likelihood of simple events on a number line from zero to one | MA3-19SP | MA3-19SP Chance | conducts chance experiments and assigns probabilities as values between 0 and 1 to describe their outcomes |
| NS4.4 | NS4.4 Probability | Solves probability problems involving simple events | MA4-21SP | MA4-21SP Probability | represents probabilities of simple and compound events |

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| NS5.1.3 | NS5.1.3 Probability | Determines relative frequencies and theoretical probabilities | MA5.1-13SP | MA5.1-13SP Probability | calculates relative frequencies to estimate probabilities of simple and compound events |
| NS5.3.2 | NS5.3.2 Probability | Solves probability problems involving compound events | MA5.1-13SP | MA5.1-13SP Probability | calculates relative frequencies to estimate probabilities of simple and compound events |
| PAS Patterns and Algebra | | | | | |
| PAES1.1 | PAES1.1 Patterns and Algebra | Recognises, describes, creates and continues repeating patterns and number patterns that increase or decrease | MAe-8NA | MAe-8NA Patterns and Algebra | recognises, describes and continues repeating patterns |
| PAS1.1 | PAS1.1 Patterns and Algebra | Creates, represents and continues a variety of number patterns, supplies missing elements in a pattern and builds number relationships | MA1-8NA | MA1-8NA Patterns and Algebra | creates, represents and continues a variety of patterns with numbers and objects |
| PAS2.1 | PAS2.1 Patterns and Algebra | Generates, describes and records number patterns using a variety of strategies and completes simple number sentences by calculating missing values | MA2-8NA | MA2-8NA Patterns and Algebra | generalises properties of odd and even numbers, generates number patterns, and completes simple number sentences by calculating missing values |
| PAS3.1a | PAS3.1a Patterns and Algebra | Records, analyses and describes geometric and number patterns that involve one operation using tables and words | MA3-8NA | MA3-8NA Patterns and Algebra | analyses and creates geometric and number patterns, constructs and completes number sentences, and locates points on the Cartesian plane |
| PAS3.1b | PAS3.1b Patterns and Algebra | Constructs, verifies and completes number sentences involving the four operations with a variety of numbers | MA3-8NA | MA3-8NA Patterns and Algebra | analyses and creates geometric and number patterns, constructs and completes number sentences, and locates points on the Cartesian plane |
| PAS4.1 | PAS4.1 Algebraic Techniques | Uses letters to represent numbers and translates between words and algebraic symbols | MA4-8NA | MA4-8NA Algebraic Techniques | generalises number properties to operate with algebraic expressions |
| PAS4.2 | PAS4.2 Number Patterns | Creates, records, analyses and generalises number patterns using words and algebraic symbols in a variety of ways | MA3-8NA | MA3-8NA Patterns and Algebra | analyses and creates geometric and number patterns, constructs and completes number sentences, and locates points on the Cartesian plane |
| PAS4.3 | PAS4.3 Algebraic Techniques | Uses the algebraic symbol system to simplify, expand and factorise simple algebraic expressions | MA4-8NA | MA4-8NA Algebraic Techniques | generalises number properties to operate with algebraic expressions |
| PAS4.4 | PAS4.4 Algebraic Techniques | Uses algebraic techniques to solve linear equations and simple inequalities | MA4-10NA | MA4-10NA Equations | uses algebraic techniques to solve simple linear and quadratic equations |
| PAS4.4 | PAS4.4 Algebraic Techniques | Uses algebraic techniques to solve linear equations and simple inequalities | MA5.2-8NA | MA5.2-8NA Equations | solves linear and simple quadratic equations, linear inequalities and linear simultaneous equations, using analytical and graphical techniques |
| PAS5.1.1 | PAS5.1.1 Algebraic Techniques | Applies the index laws to simplify algebraic expressions | MA4-9NA | MA4-9NA Indices | operates with positive-integer and zero indices of numerical bases |
| PAS5.1.1 | PAS5.1.1 Algebraic Techniques | Applies the index laws to simplify algebraic expressions | MA5.1-5NA | MA5.1-5NA Indices | operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases |
| PAS5.2.1 | PAS5.2.1 Algebraic Techniques | Simplifies, expands and factorises algebraic expressions involving fractions and negative and fractional indices | MA5.2-6NA | MA5.2-6NA Algebraic Techniques | simplifies algebraic fractions, and expands and factorises quadratic expressions |
| PAS5.2.2 | PAS5.2.2 Algebraic Techniques | Solves linear and simple quadratic equations, solves linear inequalities and solves simultaneous equations using graphical and analytical methods | MA5.2-8NA | MA5.2-8NA Equations | solves linear and simple quadratic equations, linear inequalities and linear simultaneous equations, using analytical and graphical techniques |
| PAS5.3.1 | PAS5.3.1 Algebraic Techniques | Uses algebraic techniques to simplify expressions, expand binomial products and factorise quadratic expressions | MA5.2-6NA | MA5.2-6NA Algebraic Techniques | simplifies algebraic fractions, and expands and factorises quadratic expressions |
| PAS5.3.2 | PAS5.3.2 Algebraic Techniques | Solves linear, quadratic and simultaneous equations, solves and graphs inequalities, and rearranges literal equations | MA5.3-7NA | MA5.3-7NA Equations | solves complex linear, quadratic, simple cubic and simultaneous equations, and rearranges literal equations |
| PAS4.5 | PAS4.5 Linear Relationships | Graphs and interprets linear relationships on the number plane | MA4-11NA | MA4-11NA Linear Relationships | creates and displays number patterns; graphs and analyses linear relationships; and performs |
| PAS5.1.2 | PAS5.1.2 Coordinate Geometry | Determines the midpoint, length and gradient of an interval joining two points on the number plane and graphs linear and simple non-linear relationships from equations | MA5.1-6NA | MA5.1-6NA Linear Relationships | determines the midpoint, gradient and length of an interval, and graphs linear relationships |
| PAS5.2.3 | PAS5.2.3 Coordinate Geometry | Uses formulae to find midpoint, distance and gradient and applies the gradient/intercept form to interpret and graph straight lines | MA5.2-9NA | MA5.2-9NA Linear Relationships | uses the gradient-intercept form to interpret and graph linear relationships |
| PAS5.2.4 | PAS5.2.4 Coordinate Geometry | Draws and interprets graphs including simple parabolas and hyperbolas | MA5.1-7NA | MA5.1-7NA Non-Linear Relationships | graphs simple non-linear relationships |
| PAS5.3.3 | PAS5.3.3 Coordinate Geometry | Uses various standard forms of the equation of a straight line and graphs regions on the number plane | MA5.3-8NA | MA5.3-8NA Linear Relationships | uses formulas to find midpoint, gradient and distance on the Cartesian plane, and applies standard |
| PAS5.3.4 | PAS5.3.4 Coordinate Geometry | Draws and interprets a variety of graphs including parabolas, cubics, exponentials and circles and applies coordinate geometry techniques to solve problems | MA5.3-7NA | MA5.3-7NA Equations | solves complex linear, quadratic, simple cubic and simultaneous equations, and rearranges literal equations |
| PAS5.2.5 | PAS5.2.5 Graphs of Physical Phenomena | Draws and interprets graphs of physical phenomena | MA5.3-4NA | MA5.3-4NA Ratios and Rates | draws, interprets and analyses graphs of physical phenomena |
| PAS5.3.5 | PAS5.3.5 Graphs of Physical Phenomena | Analyses and describes graphs of physical phenomena | MA5.3-4NA | MA5.3-4NA Ratios and Rates | draws, interprets and analyses graphs of physical phenomena |
| PAS5.3.6 | PAS5.3.6 Curve Sketching and Polynomials | Uses a variety of techniques to sketch a range of curves and describes the features of curves from the equation | MA5.3-9NA | MA5.3-9NA Non-Linear Relationships | sketches and interprets a variety of non-linear relationships |
| PAS5.3.7 | PAS5.3.7 Curve Sketching and Polynomials | Recognises, describes and sketches polynomials, and applies the factor and remainder theorems to solve problems | MA5.3-10NA | MA5.3-10NA Polynomials | recognises, describes and sketches polynomials, and applies the factor and remainder theorems to solve problems |
| PAS5.3.8 | PAS5.3.8 Functions and Logarithms | Describes, interprets and sketches functions and uses the definition of a logarithm to establish and apply the laws of logarithms | MA5.3-11NA | MA5.3-11NA Logarithms | uses the definition of a logarithm to establish and apply the laws of logarithms |
| DS DS Data | | | | | |
| DES1.1 | DES1.1 Data | Represents and interprets data displays made from objects and pictures | MAe-17SP | MAe-17SP Data | represents data and interprets data displays made from objects |
| DS1.1 | DS1.1 Data | Gathers and organises data, displays data using column and picture graphs, and interprets the results | MA1-17SP | MA1-17SP Data | gathers and organises data, displays data in lists, tables and picture graphs, and interprets the results |

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| DS2.1 | DS2.1 Data | Gathers and organises data, displays data using tables and graphs, and interprets the results | MA2-18SP | MA2-18SP Data | selects appropriate methods to collect data, and constructs, compares, interprets and evaluates data displays, including tables, picture graphs and column graphs |
| DS3.1 | DS3.1 Data | Displays and interprets data in graphs with scales of many-to-one correspondence | MA3-18SP | MA3-18SP Data | uses appropriate methods to collect data and constructs, interprets and evaluates data displays, including dot plots, line graphs and two-way tables |
| DS4.1 | DS4.1 Data Representation | Constructs, reads and interprets graphs, tables, charts and statistical information | MA4-19SP | MA4-19SP Data Collection and Representation | collects, represents and interprets single sets of data, using appropriate statistical displays |
| DS4.2 | DS4.2 Data Analysis and Evaluation | Collects statistical data using either a census or a sample and analyses data using measures of location and range | MA4-20SP | MA4-20SP Single Variable Data Analysis | analyses single sets of data using measures of location, and range |
| DS5.1.1 | DS5.1.1 Data Representation and Analysis | Groups data to aid analysis and constructs frequency and cumulative frequency tables and graphs | | | |
| DS5.2.1 | DS5.2.1 Uses the interquartile range and | Data Analysis and Evaluation | MA5.2-15SP | MA5.2-15SP Single Variable Data Analysis | uses quartiles and box plots to compare sets of data, and evaluates sources of data |
| MS | MS Measurement | | | | |
| MES1.1 | MES1.1 | Describes length and distance using everyday language and compares lengths using direct comparison | MAe-9MG | MAe-9MG Length | describes and compares lengths and distances using everyday language |
| MS1.1 | MS1.1 | Estimates, measures, compares and records lengths and distances using informal units, metres and centimetres | MA1-9MG | MA1-9MG Length | measures, records, compares and estimates lengths and distances using uniform informal units, metres and centimetres |
| MS2.1 | MS2.1 Length | Estimates, measures, compares and records lengths, distances and perimeters in metres, centimetres and millimetres | MA2-9MG | MA2-9MG Length | measures, records, compares and estimates lengths, distances and perimeters in metres, centimetres and millimetres, and measures, compares and records temperatures |
| MS3.1 | MS3.1 Length | Selects and uses the appropriate unit and device to measure lengths, distances and perimeters | MA3-9MG | MA3-9MG Length | selects and uses the appropriate unit and device to measure lengths and distances, calculates perimeters, and converts between units of length |
| MS4.1 | MS4.1 Perimeter and Area | Uses formulae and Pythagoras' theorem in calculating perimeter and area of circles and figures composed of rectangles and triangles | MA4-16MG | MA4-16MG Right-Angled Triangles (Pythagoras) | applies Pythagoras' theorem to calculate side lengths in right-angled triangles, and solves related problems |
| MS5.1.1 | MS5.1.1 Perimeter and Area | Uses formulae to calculate the area of quadrilaterals and finds areas and perimeters of simple composite figures | MA4-13MG | MA4-13MG Area | uses formulas to calculate the areas of quadrilaterals and circles, and converts between units of area |
| MS5.2.1 | MS5.2.1 Perimeter and Area | Finds areas and perimeters of composite figures | MA5.1-8MG | MA5.1-8MG Area and Surface Area | calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms |
| MES1.2 | MES1.2 Area | Describes area using everyday language and compares areas using direct comparison | MAe-10MG | MAe-10MG Area | describes and compares areas using everyday language |
| MS1.2 | MS1.2 Area | Estimates, measures, compares and records areas using informal units | MA1-10MG | MA1-10MG Area | measures, records, compares and estimates areas using uniform informal units |
| MS2.2 | MS2.2 Area | Estimates, measures, compares and records the areas of surfaces in square centimetres and square metres | MA2-10MG | MA2-10MG Area | measures, records, compares and estimates areas using square centimetres and square metres |
| MS3.2 | MS3.2 Area | Selects and uses the appropriate unit to calculate area, including the area of squares, rectangles and triangles | MA3-10MG | MA3-10MG Area | selects and uses the appropriate unit to calculate areas, including areas of squares, rectangles and triangles |
| MES1.3 | MES1.3 Volume and Capacity | Compares the capacities of containers and the volumes of objects or substances using direct comparison | MAe-11MG | MAe-11MG Volume and Capacity | describes and compares the capacities of containers and the volumes of objects or substances using everyday language |
| MS1.3 | MS1.3 Volume and Capacity | Estimates, measures, compares and records volumes and capacities using informal units | MA1-11MG | MA1-11MG Volume and Capacity | measures, records, compares and estimates volumes and capacities using uniform informal units |
| MS2.3 | MS2.3 Volume and Capacity | Estimates, measures, compares and records volumes and capacities using litres, millilitres and cubic centimetres | MA2-11MG | MA2-11MG Volume and Capacity | measures, records, compares and estimates volumes and capacities using litres, millilitres and cubic centimetres |
| MS3.3 | MS3.3 Volume and Capacity | Selects and uses the appropriate unit to estimate and measure volume and capacity, including the volume of rectangular prisms | MA3-11MG | MA3-11MG Volume and Capacity | selects and uses the appropriate unit to estimate, measure and calculate volumes and capacities, and converts between units of capacity |
| MS4.2 | MS4.2 Surface Area and Volume | Calculates surface area of rectangular and triangular prisms and volume of right prisms and cylinders | MA5.1-8MG | MA5.1-8MG Area and Surface Area | calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms |
| MS4.2 | MS4.2 Surface Area and Volume | Calculates surface area of rectangular and triangular prisms and volume of right prisms and cylinders | MA4-14MG | MA4-14MG Volume | uses formulas to calculate the volumes of prisms and cylinders, and converts between units of volume |
| MS5.2.2 | MS5.2.2 Surface Area and Volume | Applies formulae to find the surface area of right cylinders and volume of right pyramids, cones and spheres and calculates the surface area and volume of composite solids | MA5.2-11MG | MA5.2-11MG Area and Surface Area | calculates the surface areas of right prisms, cylinders and related composite solids |
| MS5.2.2 | MS5.2.2 Surface Area and Volume | Applies formulae to find the surface area of right cylinders and volume of right pyramids, cones and spheres and calculates the surface area and volume of composite solids | MA5.2-12MG | MA5.2-12MG Volume | applies formulas to calculate the volumes of composite solids composed of right prisms and cylinders |
| MS5.3.1 | MS5.3.1 Surface Area and Volume | Applies formulae to find the surface area of pyramids, right cones and sphere | MA5.3-13MG | MA5.3-13MG Area and Surface Area | applies formulas to find the surface areas of right pyramids, right cones, spheres and related composite solids |
| MES1.4 | MES1.4 Mass | Compares the masses of two objects and describes mass using everyday language | MAe-12MG | MAe-12MG Mass | describes and compares the masses of objects using everyday language |
| MS1.4 | MS1.4 Mass | Estimates, measures, compares and records the masses of two or more objects using informal units | MA1-12MG | MA1-12MG Mass | measures, records, compares and estimates the masses of objects using uniform informal units |

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| MS2.4 | MS2.4 Mass | Estimates, measures, compares and records masses using kilograms and grams | MA2-12MG | MA2-12MG Mass | measures, records, compares and estimates the masses of objects using kilograms and grams |
| MS3.4 | MS3.4 Mass | Selects and uses the appropriate unit and measuring device to find the mass of objects | MA3-12MG | MA3-12MG Mass | selects and uses the appropriate unit and device to measure the masses of objects, and converts between units of mass |
| MES1.5 | MES1.5 Time | Sequences events and uses everyday language to describe the duration of activities | MAe-13MG | MAe-13MG Time | sequences events, uses everyday language to describe the durations of events, and reads hour time on clocks |
| MS1.5 | MS1.5 Time | Compares the duration of events using informal methods and reads clocks on the half-hour | MA1-13MG | MA1-13MG Time | describes, compares and orders durations of events, and reads half- and quarter-hour time |
| MS2.5 | MS2.5 Time | Reads and records time in one-minute intervals and makes comparisons between time units | MA2-13MG | MA2-13MG Time | reads and records time in one-minute intervals and converts between hours, minutes and seconds |
| MS3.5 | MS3.5 Time | Uses twenty-four hour time and am and pm notation in real-life situations and constructs timelines | MA3-13MG | MA3-13MG Time | uses 24-hour time and am and pm notation in real-life situations, and constructs timelines |
| MS4.3 | MS4.3 Time | Performs calculations of time that involve mixed units | MA4-15MG | MA4-15MG Time | performs calculations of time that involve mixed units, and interprets time zones |
| MS5.1.2 | MS5.1.2 Trigonometry | Applies trigonometry to solve problems (diagrams given) including those involving angles of elevation and depression | MA5.1-10MG | MA5.1-10MG Right-Angled Triangles (Trigonometry) | applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression |
| MS5.2.3 | MS5.2.3 Trigonometry | Applies trigonometry to solve problems including those involving bearings | MA5.2-13MG | MA5.2-13MG Right-Angled Triangles (Trigonometry) | applies trigonometry to solve problems, including problems involving bearings |
| MS5.3.2 | MS5.3.2 Trigonometry | Applies trigonometric relationships, sine rule, cosine rule and area rule in problem solving | MA5.3-15MG | MA5.3-15MG Right-Angled Triangles (Trigonometry) | applies Pythagoras' theorem, trigonometric relationships, the sine rule, the cosine rule and the area rule to solve problems, including problems involving three dimensions |
| SGS | SGS Space and Geometry | | | | |
| SGES1.1 | SGES1.1 Three-dimensional Space | Manipulates, sorts and represents three-dimensional objects and describes them using everyday language | MAe-14MG | MAe-14MG Three-Dimensional Space | manipulates, sorts and represents three-dimensional objects and describes them using everyday language |
| SGS1.1 | SGS1.1 Three-dimensional Space | Sorts, describes and represents three-dimensional objects including cones, cubes, cylinders, spheres and prisms, and recognises them in pictures and the environment | MA1-14MG | MA1-14MG Three-Dimensional Space | sorts, describes, represents and recognises familiar three-dimensional objects, including cones, cubes, cylinders, spheres and prisms |
| SGS2.1 | SGS2.1 Three-dimensional Space | Makes, compares, describes and names three-dimensional objects including pyramids, and represents them in drawings | MA2-14MG | MA2-14MG Three-Dimensional Space | makes, compares, sketches and names three-dimensional objects, including prisms, pyramids, cylinders, cones and spheres, and describes their features |
| SGS3.1 | SGS3.1 Three-dimensional Space | Identifies three-dimensional objects, including particular prisms and pyramids, on the basis of their properties, and visualises, sketches and constructs them given drawings of different views | MA3-14MG | MA3-14MG Three-Dimensional Space | identifies three-dimensional objects, including prisms and pyramids, on the basis of their properties, and visualises, sketches and constructs them given drawings of different views |
| SGS4.1 | SGS4.1 Properties of Solids | Describes and sketches three-dimensional solids including polyhedra, and classifies them in terms of their properties | MA3-14MG | MA3-14MG Three-Dimensional Space | identifies three-dimensional objects, including prisms and pyramids, on the basis of their properties, and visualises, sketches and constructs them given drawings of different views |
| SGES1.2 | SGES1.2 Two-dimensional Space | Manipulates, sorts and describes representations of two-dimensional shapes using everyday language | MAe-15MG | MAe-15MG Two-Dimensional Space | manipulates, sorts and describes representations of two-dimensional shapes, including circles, triangles, squares and rectangles, using everyday language |
| SGS1.2 | SGS1.2 Two-dimensional Space | Manipulates, sorts, represents, describes and explores various two-dimensional shapes | MA1-15MG | MA1-15MG Two-Dimensional Space | manipulates, sorts, represents, describes and explores two-dimensional shapes, including quadrilaterals, pentagons, hexagons and octagons |
| SGS2.2a | SGS2.2a Two-dimensional Space | Manipulates, compares, sketches and names two-dimensional shapes and describes their features | MA2-15MG | MA2-15MG Two-Dimensional Space | manipulates, identifies and sketches two-dimensional shapes, including special quadrilaterals, and describes their features |
| SGS2.2b | SGS2.2b Two-dimensional Space | Identifies, compares and describes angles in practical situations | MA2-16MG | MA2-16MG Angles | identifies, describes, compares and classifies angles |
| SGS3.2a | SGS3.2a Two-dimensional Space | Manipulates, classifies and draws two-dimensional shapes and describes side and angle properties | MA3-15MG | MA3-15MG Two-Dimensional Space | manipulates, classifies and draws two-dimensional shapes, including equilateral, isosceles and scalene triangles, and describes their properties |
| SGS3.2b | SGS3.2b Two-dimensional Space | Measures, constructs and classifies angles | MA3-16MG | MA3-16MG Angles | measures and constructs angles, and applies angle relationships to find unknown angles |
| SGES1.3 | SGES1.3 Position | Uses everyday language to describe position and give and follow simple directions | MAe-16MG | MAe-16MG Position | describes position and gives and follows simple directions using everyday language |
| SGS1.3 | SGS1.3 Position | Represents the position of objects using models and drawings and describes using everyday language | MA1-16MG | MA1-16MG Position | represents and describes the positions of objects in everyday situations and on maps |
| SGS2.3 | SGS2.3 Position | Uses simple maps and grids to represent position and follow routes | MA2-17MG | MA2-17MG Position | uses simple maps and grids to represent position and follow routes, including using compass directions |
| SGS3.3 | SGS3.3 Position | Uses a variety of mapping skills | MA3-17MG | MA3-17MG Position | locates and describes position on maps using a grid-reference system |
| SGS4.2 | SGS4.2 Angles | Identifies and names angles formed by the intersection of straight lines, including those related to transversals on sets of parallel lines, and makes use of the relationships between them | MA4-18MG | MA4-18MG Angle Relationships | identifies and uses angle relationships, including those related to transversals on sets of parallel lines |
| SGS4.3 | SGS4.3 Properties of Geometrical Figures | Classifies, constructs, and determines the properties of triangles and quadrilaterals | MA4-17MG | MA4-17MG Properties of Geometrical Figures | classifies, describes and uses the properties of triangles and quadrilaterals, and determines congruent triangles to find unknown side lengths and angles |

| Outcome | Old Outcome | Old Description | New Outcome | New Outcome | New Description |
|----------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| SGS4.4 | SGS4.4 Properties of Geometrical Figures | Identifies congruent and similar two-dimensional figures stating the relevant conditions | MA4-17MG | MA4-17MG Properties of Geometrical Figures | classifies, describes and uses the properties of triangles and quadrilaterals, and determines congruent triangles to find unknown side lengths and angles |
| SGS5.2.1 | SGS5.2.1 Properties of Geometrical Figures | Develops and applies results related to the angle sum of interior and exterior angles for any convex polygon | MA5.2-14MG | MA5.2-14MG Properties of Geometrical Figures | calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar |
| SGS5.2.2 | SGS5.2.2 Properties of Geometrical Figures | Develops and applies results for proving that triangles are congruent or similar | MA5.3-16MG | MA5.3-16MG Properties of Geometrical Figures | proves triangles are similar, and uses formal geometric reasoning to establish properties of triangles and quadrilaterals |
| SGS5.3.1 | SGS5.3.1 Deductive Geometry | Constructs arguments to prove geometrical results | MA5.3-16MG | MA5.3-16MG Properties of Geometrical Figures | proves triangles are similar, and uses formal geometric reasoning to establish properties of triangles and quadrilaterals |
| SGS5.3.2 | SGS5.3.2 Deductive Geometry | Determines properties of triangles and quadrilaterals using deductive reasoning | MA5.3-16MG | MA5.3-16MG Properties of Geometrical Figures | proves triangles are similar, and uses formal geometric reasoning to establish properties of triangles and quadrilaterals |
| SGS5.3.3 | SGS5.3.3 Deductive Geometry | Constructs geometrical arguments using similarity tests for triangles | MA5.3-16MG | MA5.3-16MG Properties of Geometrical Figures | proves triangles are similar, and uses formal geometric reasoning to establish properties of triangles and quadrilaterals |
| SGS5.3.4 | SGS5.3.4 Circle Geometry | Applies deductive reasoning to prove circle theorems and to solve problems | MA5.3-17MG | MA5.3-17MG Circle Geometry | applies deductive reasoning to prove circle theorems and to solve related problems |